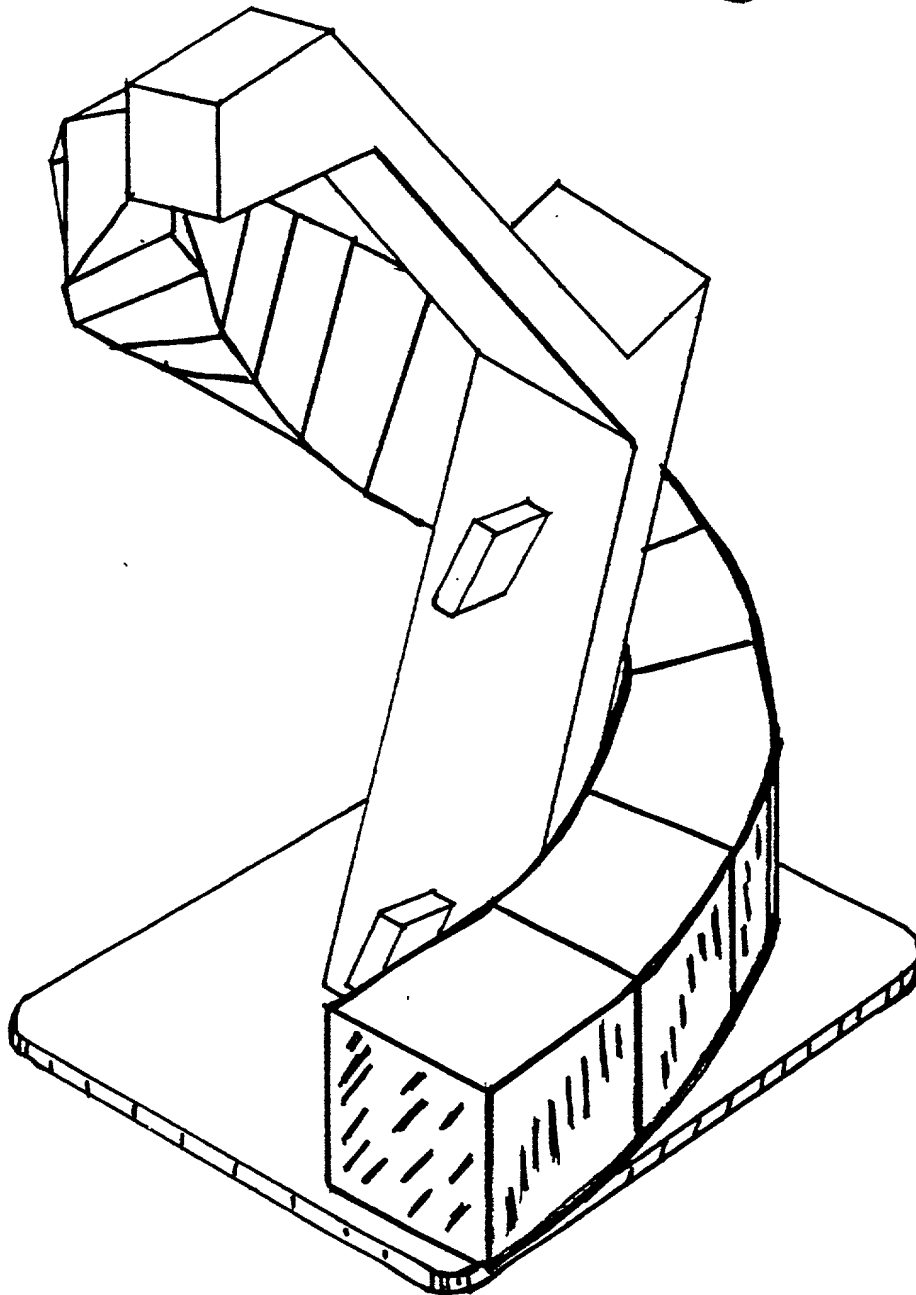


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Fig. 1



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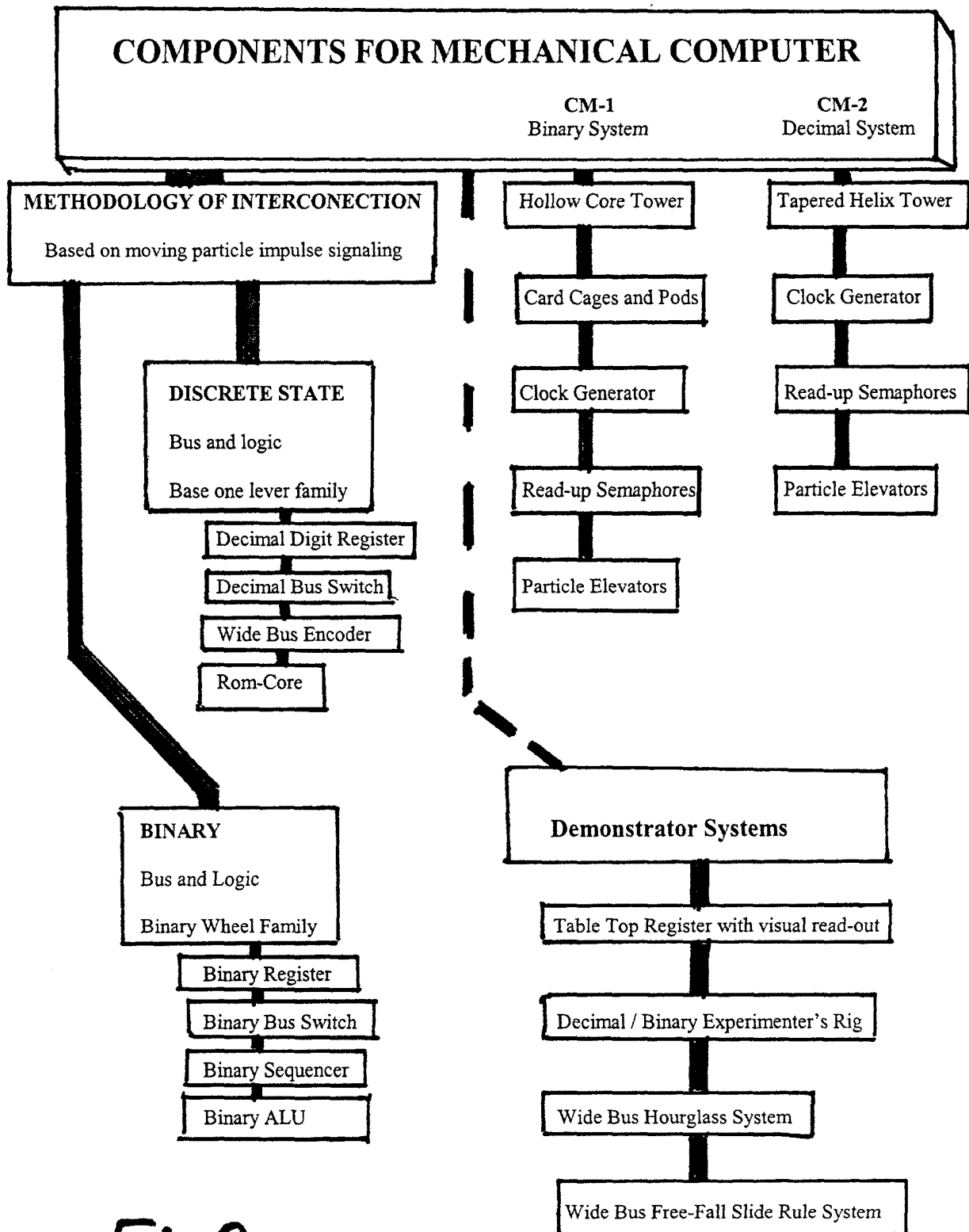
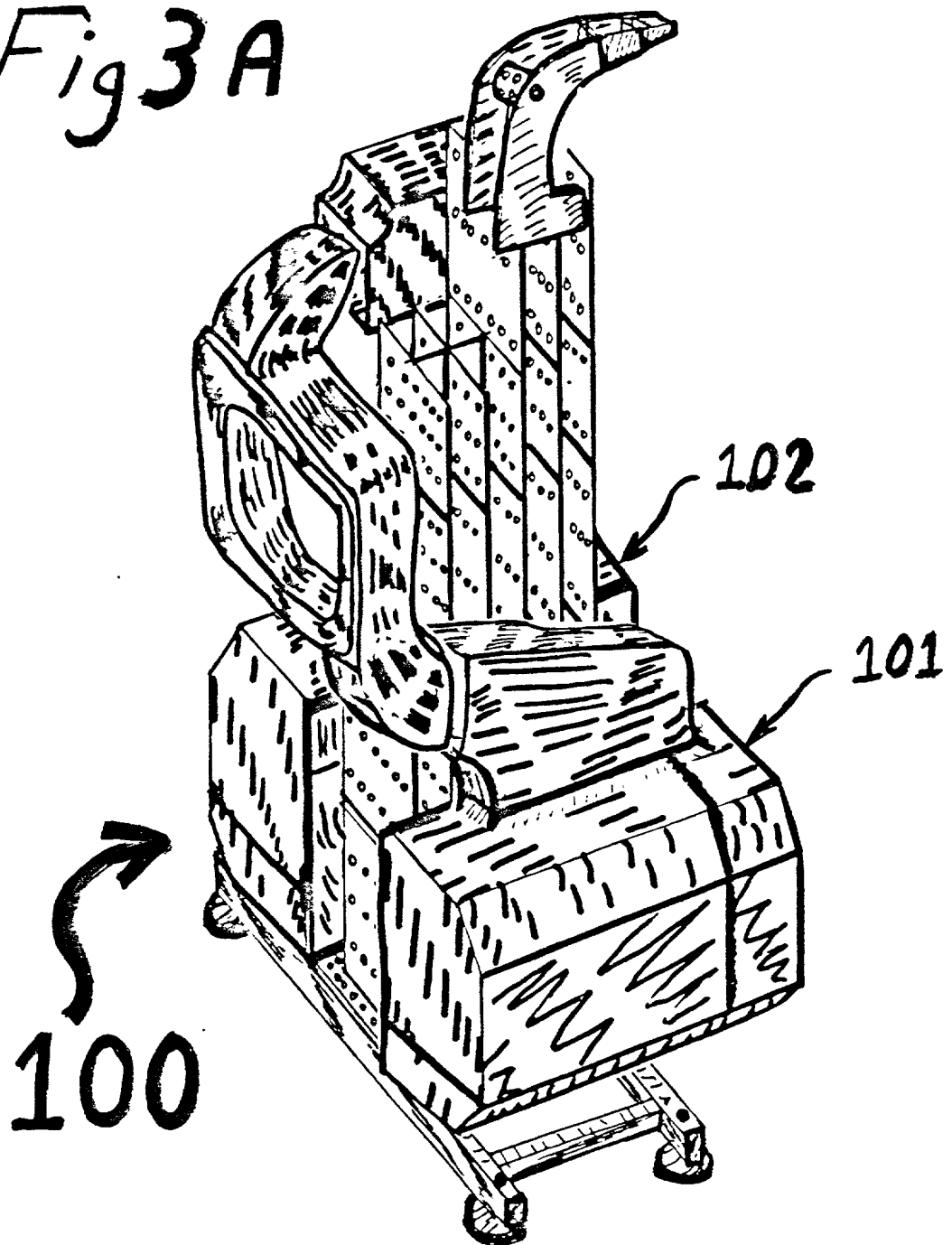


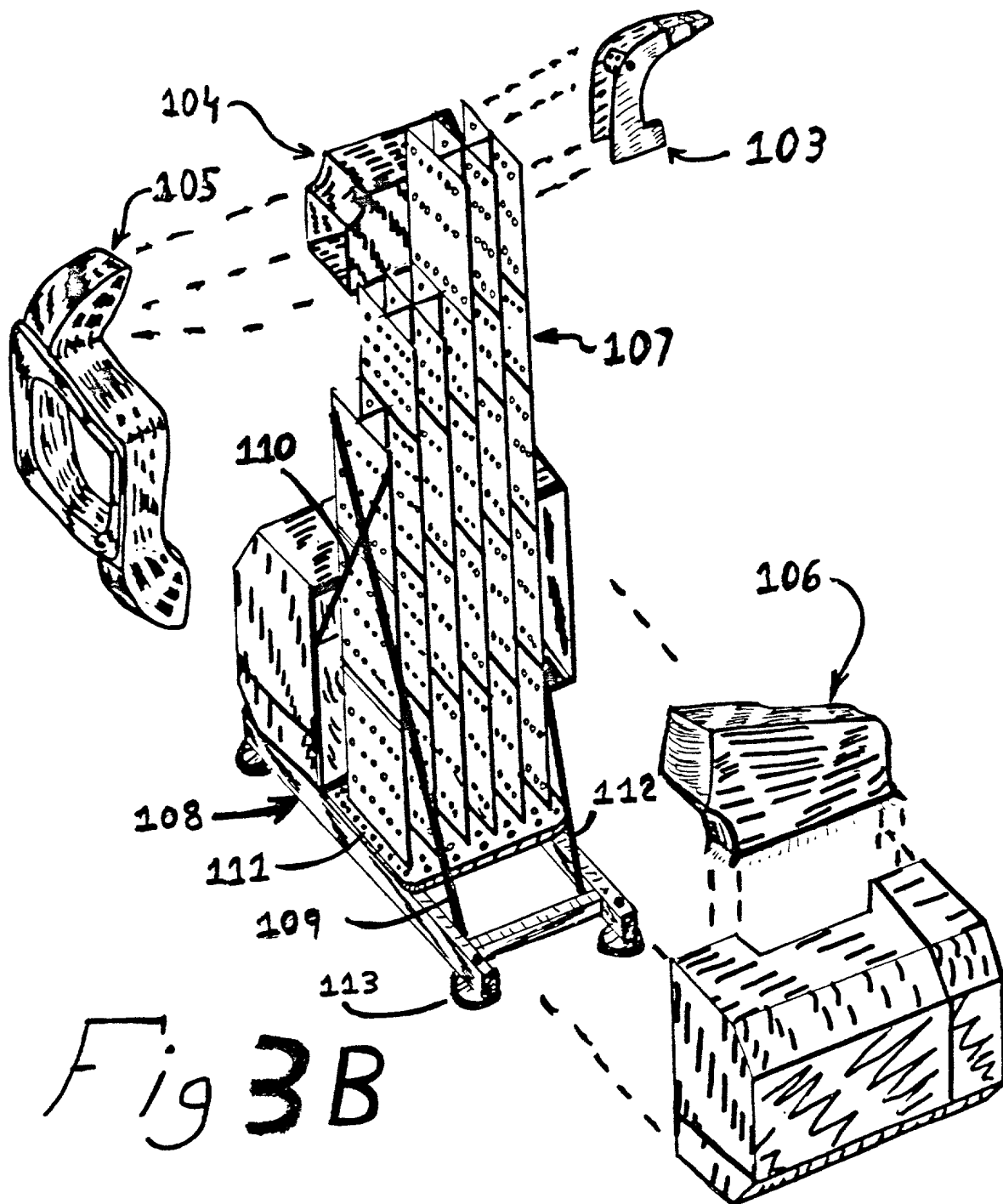
Fig2

Fig 3A



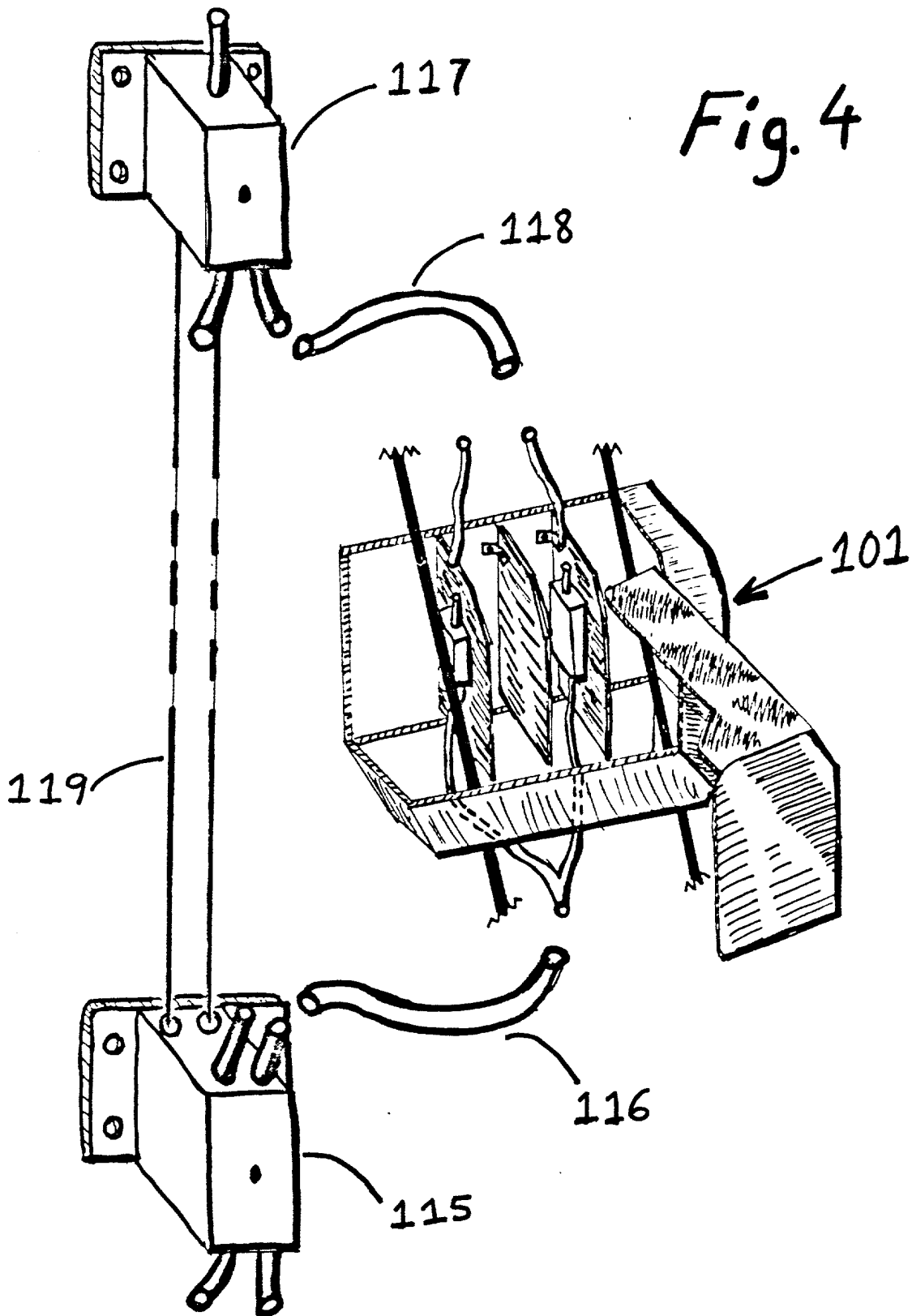
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Fig. 4



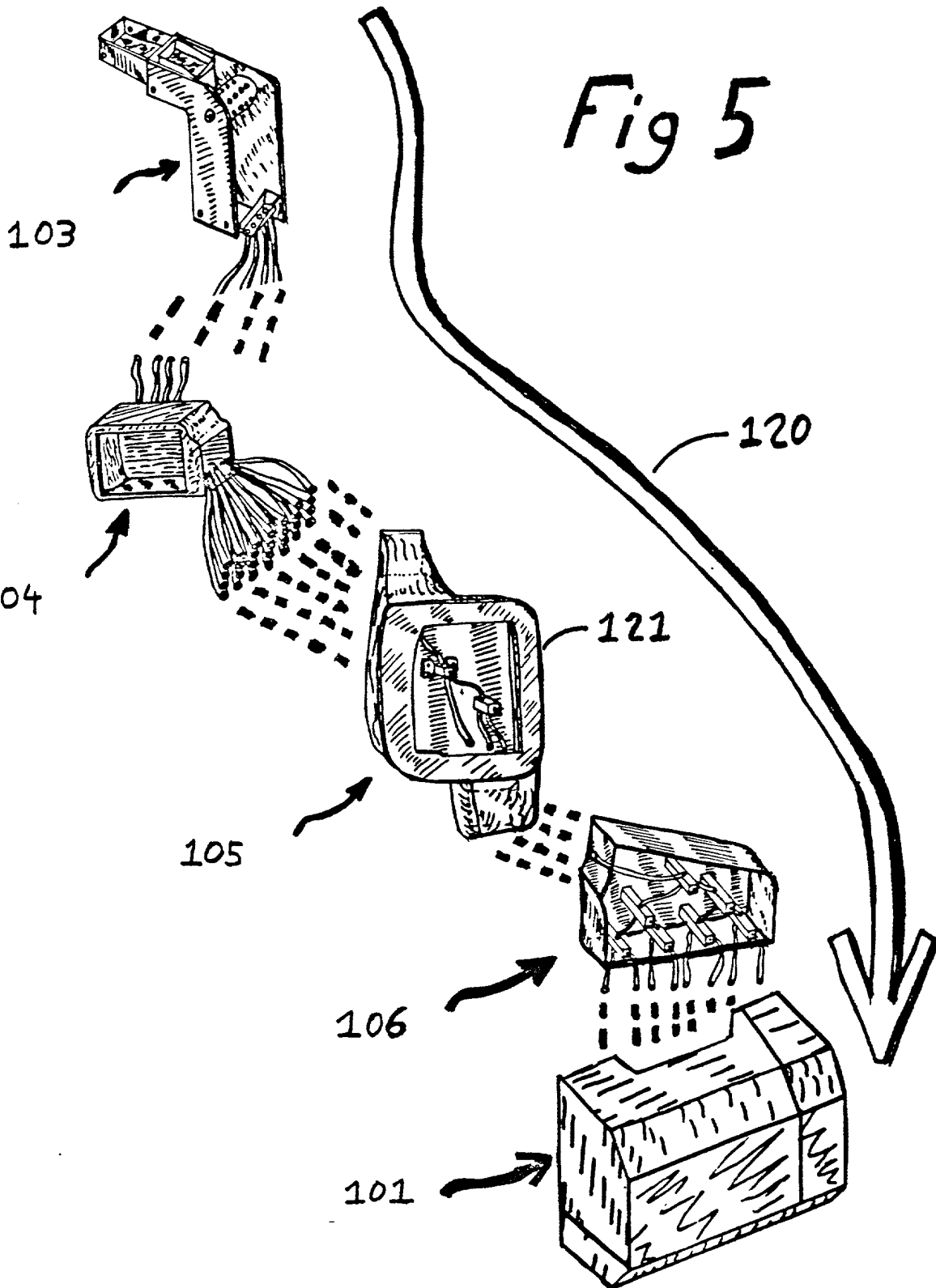
201710 095E4001

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Fig 5

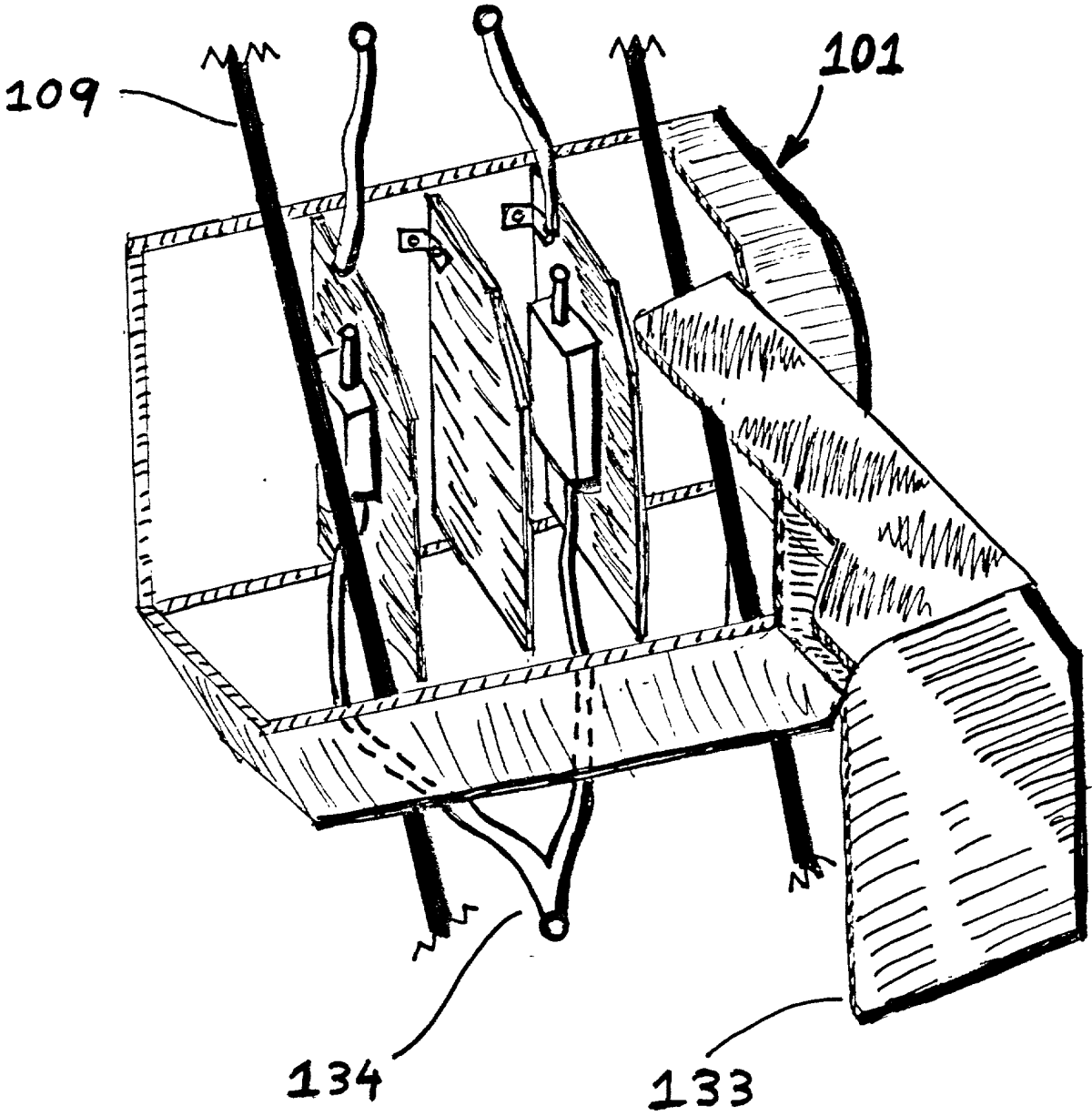
20110109664007

10043960.01102



Variable	Mean	SD	Min	Max
Age	34.5	10.5	20	55
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	10	15
Income	15.5	5.5	10	25
Occupation	1.5	1.5	0	3
Health status	1.5	1.5	0	3
Stress level	2.5	1.5	0	4
Life satisfaction	3.5	1.5	1	5
Resilience	4.5	1.5	2	6
Optimism	5.5	1.5	3	7
Gratitude	6.5	1.5	4	8
Forgiveness	7.5	1.5	5	9
Compassion	8.5	1.5	6	10
Kindness	9.5	1.5	7	11
Generosity	10.5	1.5	8	12
Patience	11.5	1.5	9	13
Humility	12.5	1.5	10	14
Modesty	13.5	1.5	11	15
Self-control	14.5	1.5	12	16
Discipline	15.5	1.5	13	17
Perseverance	16.5	1.5	14	18
Endurance	17.5	1.5	15	19
Stamina	18.5	1.5	16	20
Strength	19.5	1.5	17	21
Power	20.5	1.5	18	22
Influence	21.5	1.5	19	23
Authority	22.5	1.5	20	24
Leadership	23.5	1.5	21	25
Management	24.5	1.5	22	26
Organization	25.5	1.5	23	27
Coordination	26.5	1.5	24	28
Communication	27.5	1.5	25	29
Interpersonal skills	28.5	1.5	26	30
Teamwork	29.5	1.5	27	31
Collaboration	30.5	1.5	28	32
Partnership	31.5	1.5	29	33
Relationship	32.5	1.5	30	34
Connection	33.5	1.5	31	35
Network	34.5	1.5	32	36
Community	35.5	1.5	33	37
Society	36.5	1.5	34	38
World	37.5	1.5	35	39
Universe	38.5	1.5	36	40
Cosmos	39.5	1.5	37	41
Heaven	40.5	1.5	38	42
Earth	41.5	1.5	39	43
Land	42.5	1.5	40	44
Water	43.5	1.5	41	45
Fire	44.5	1.5	42	46
Air	45.5	1.5	43	47
Energy	46.5	1.5	44	48
Force	47.5	1.5	45	49
Power	48.5	1.5	46	50
Strength	49.5	1.5	47	51
Endurance	50.5	1.5	48	52
Stamina	51.5	1.5	49	53
Strength	52.5	1.5	50	54
Power	53.5	1.5	51	55
Influence	54.5	1.5	52	56
Authority	55.5	1.5	53	57
Leadership	56.5	1.5	54	58
Management	57.5	1.5	55	59
Organization	58.5	1.5	56	60
Coordination	59.5	1.5	57	61
Communication	60.5	1.5	58	62
Interpersonal skills	61.5	1.5	59	63
Teamwork	62.5	1.5	60	64
Collaboration	63.5	1.5	61	65
Partnership	64.5	1.5	62	66
Relationship	65.5	1.5	63	67
Connection	66.5	1.5	64	68
Network	67.5	1.5	65	69
Community	68.5	1.5	66	70
Society	69.5	1.5	67	71
World	70.5	1.5	68	72
Universe	71.5	1.5	69	73
Cosmos	72.5	1.5	70	74
Heaven	73.5	1.5	71	75
Earth	74.5	1.5	72	76
Land	75.5	1.5	73	77
Water	76.5	1.5	74	78

Fig. 6



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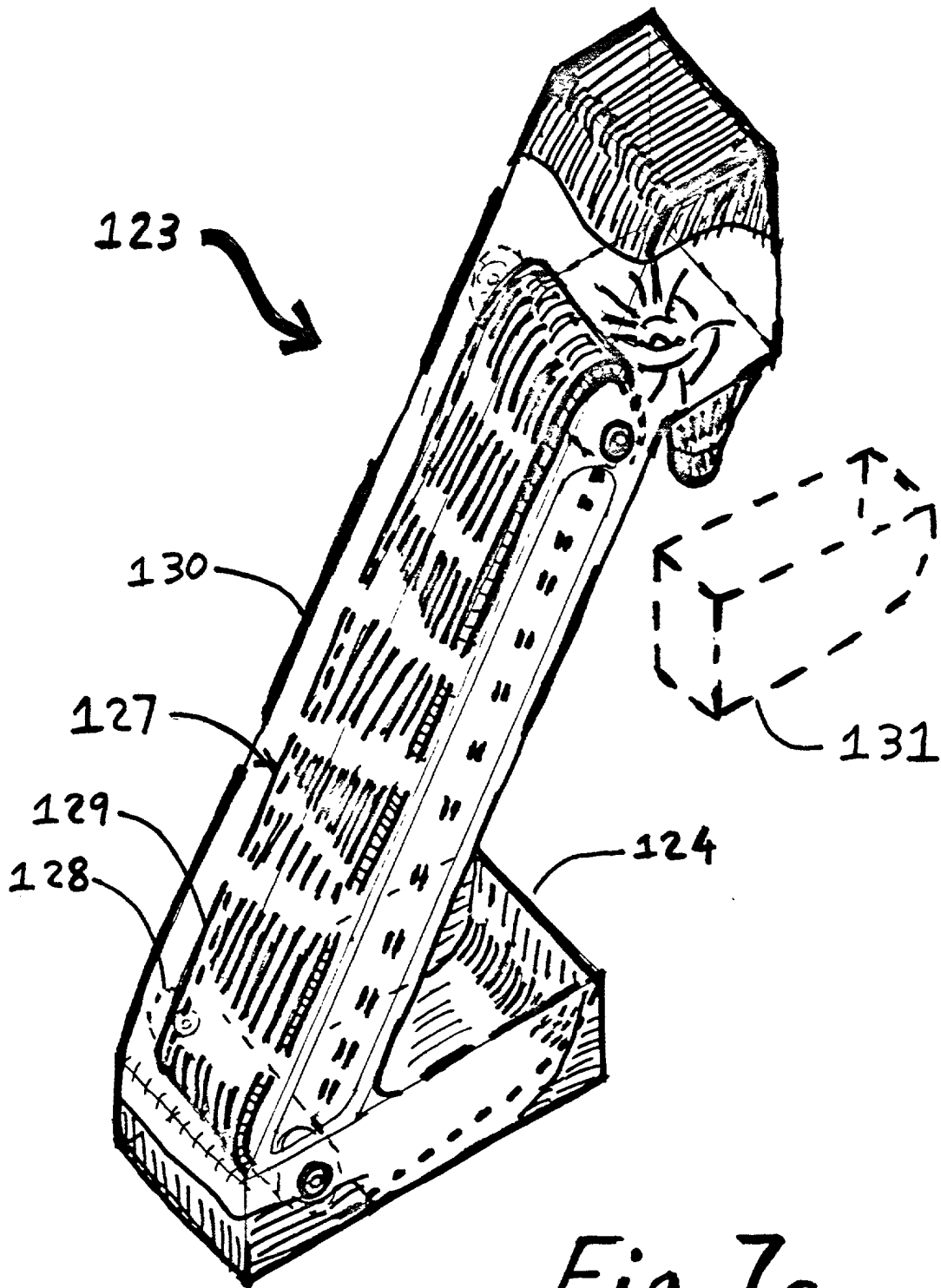


Fig. 7a

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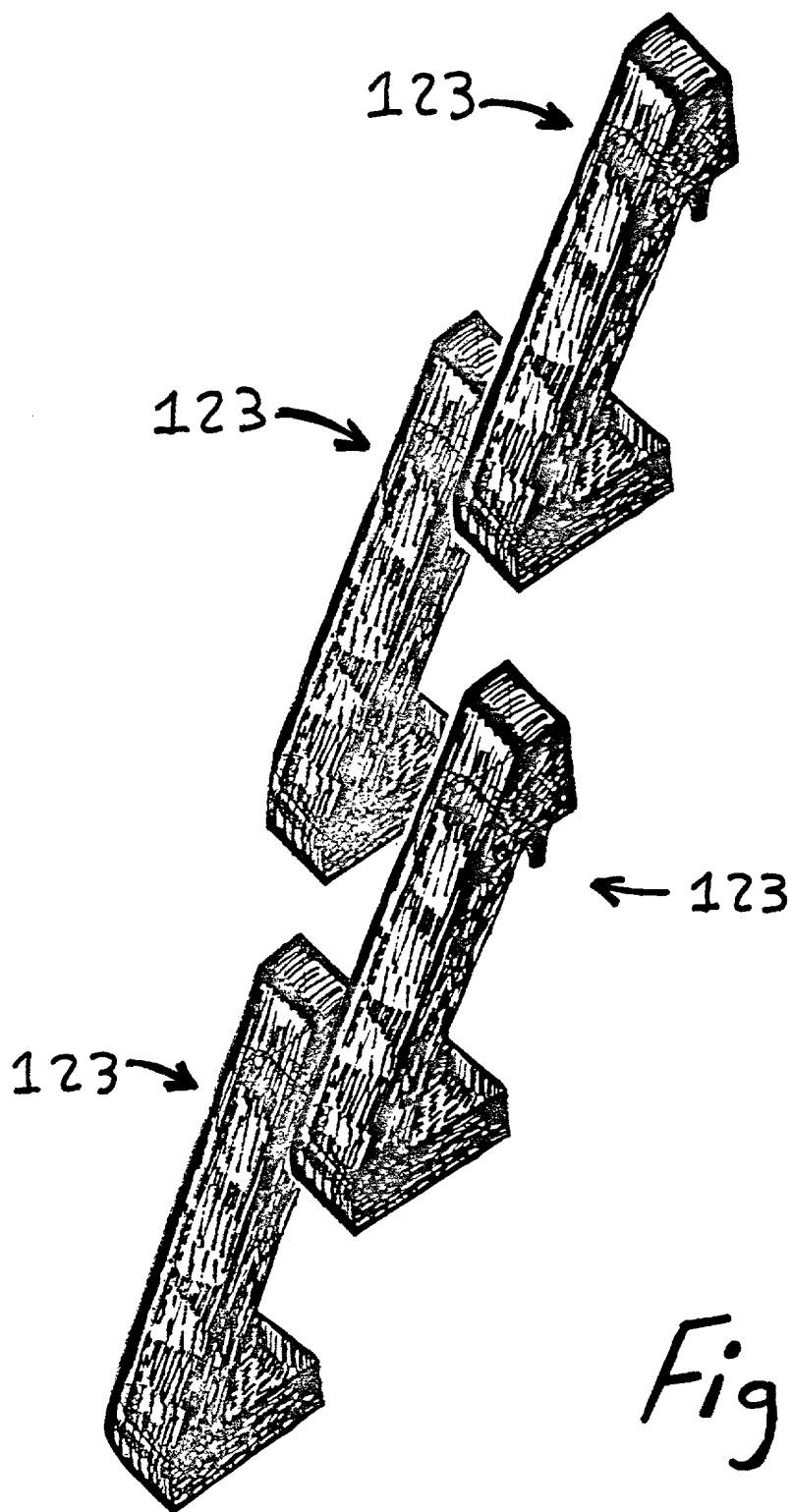


Fig 7b

201710.096E400T

Fig. 8

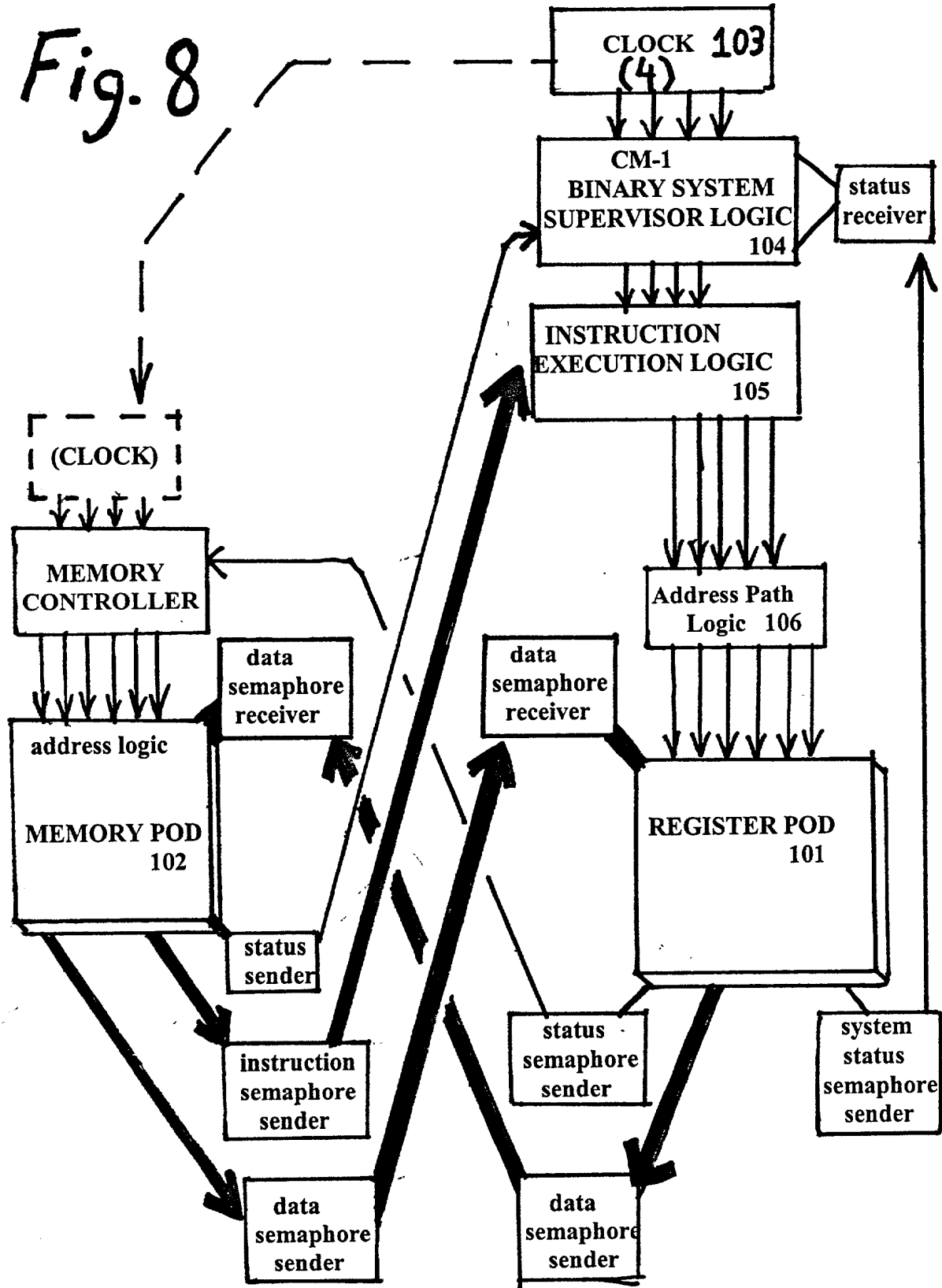
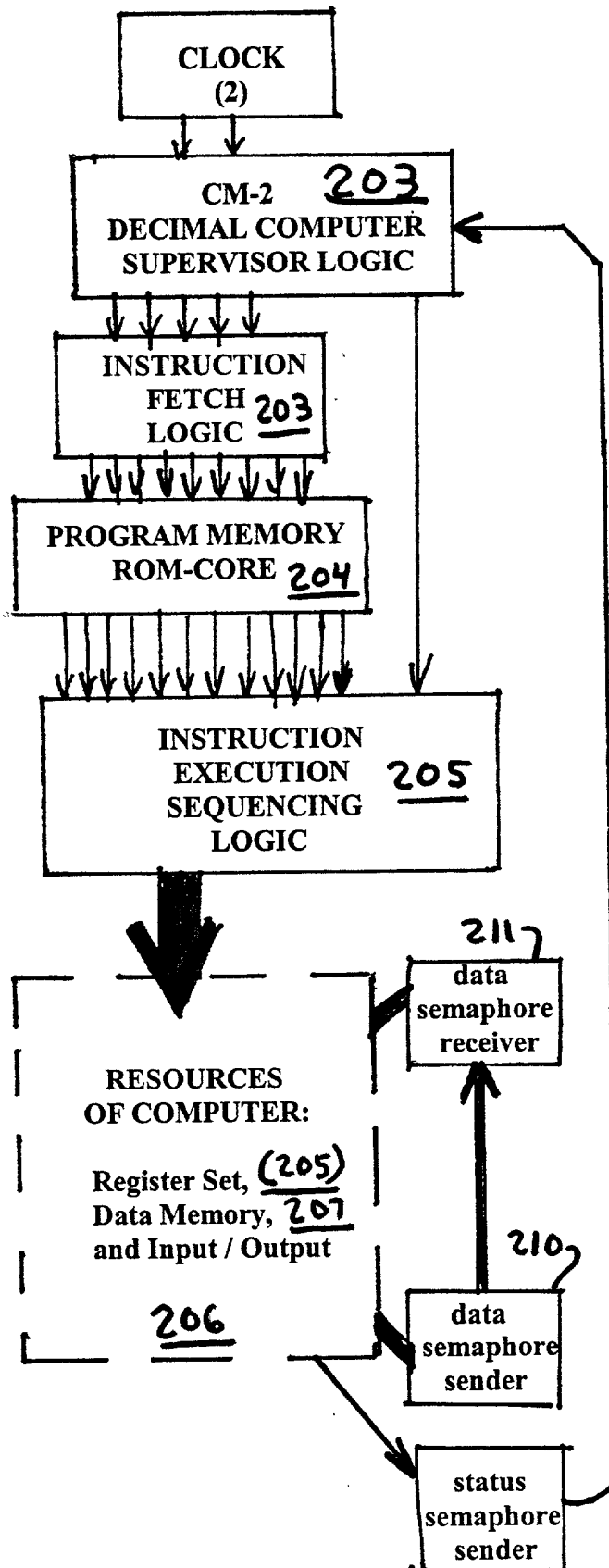
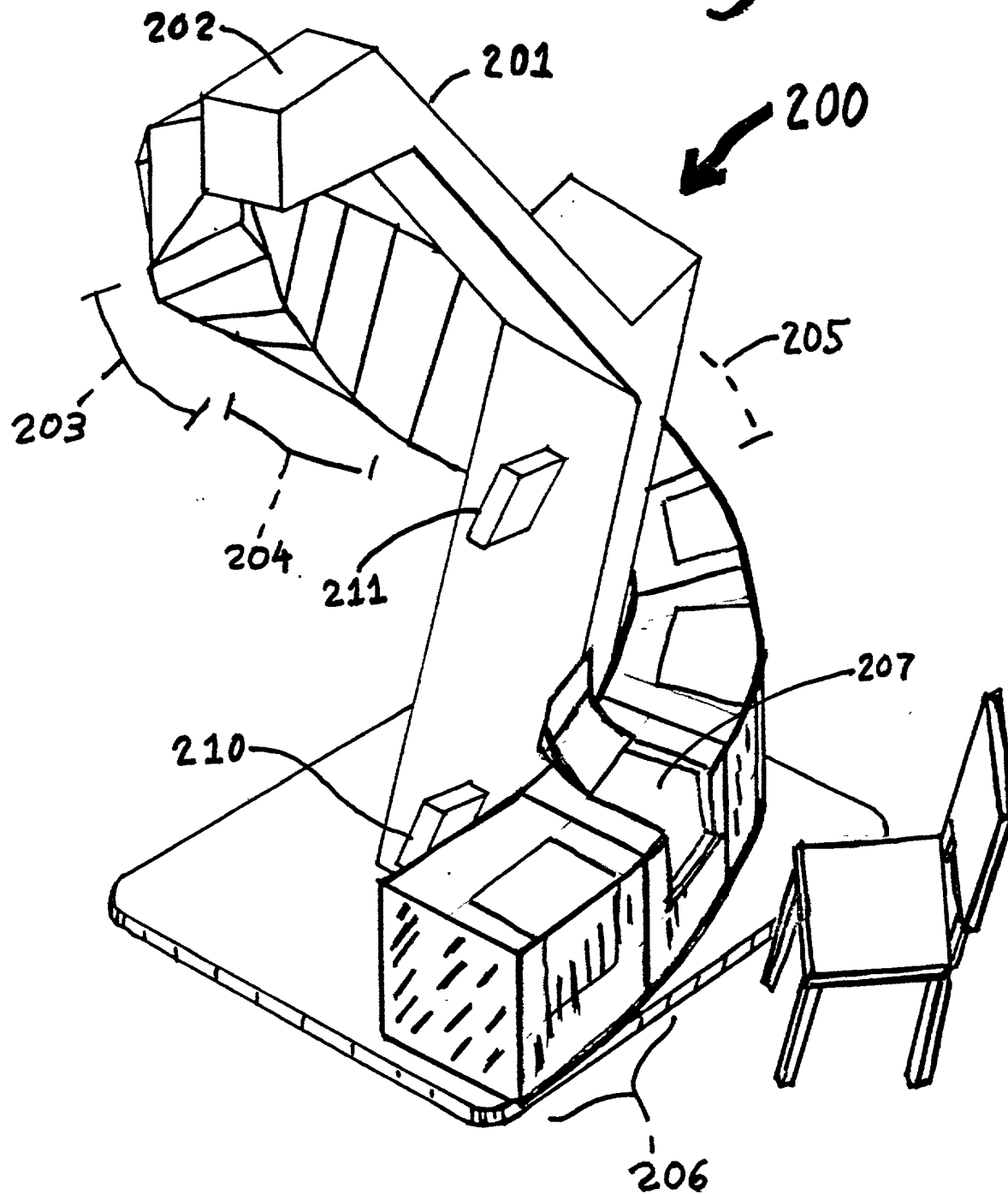


Fig.9



[illegible]

Fig. 10



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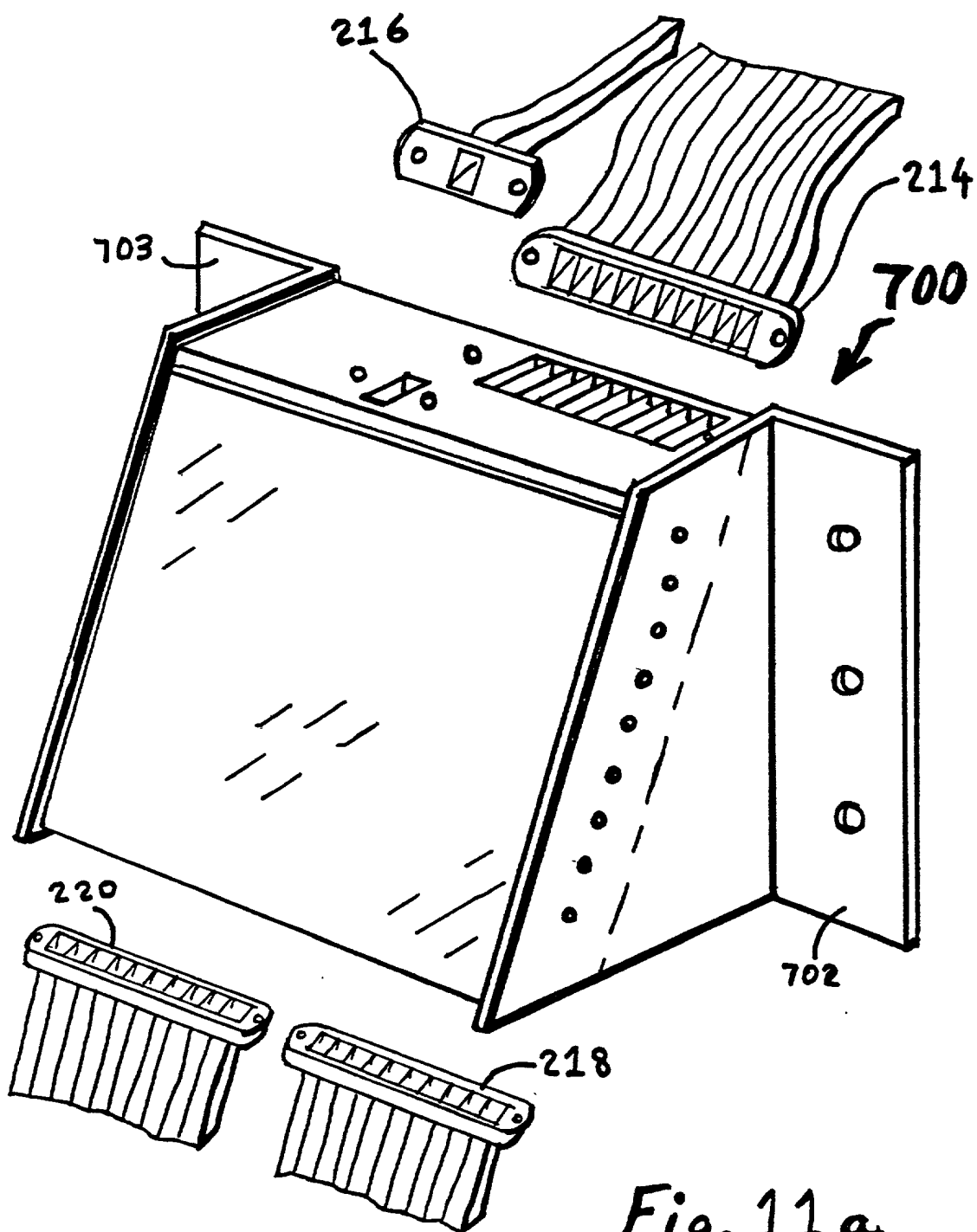


Fig. 11a

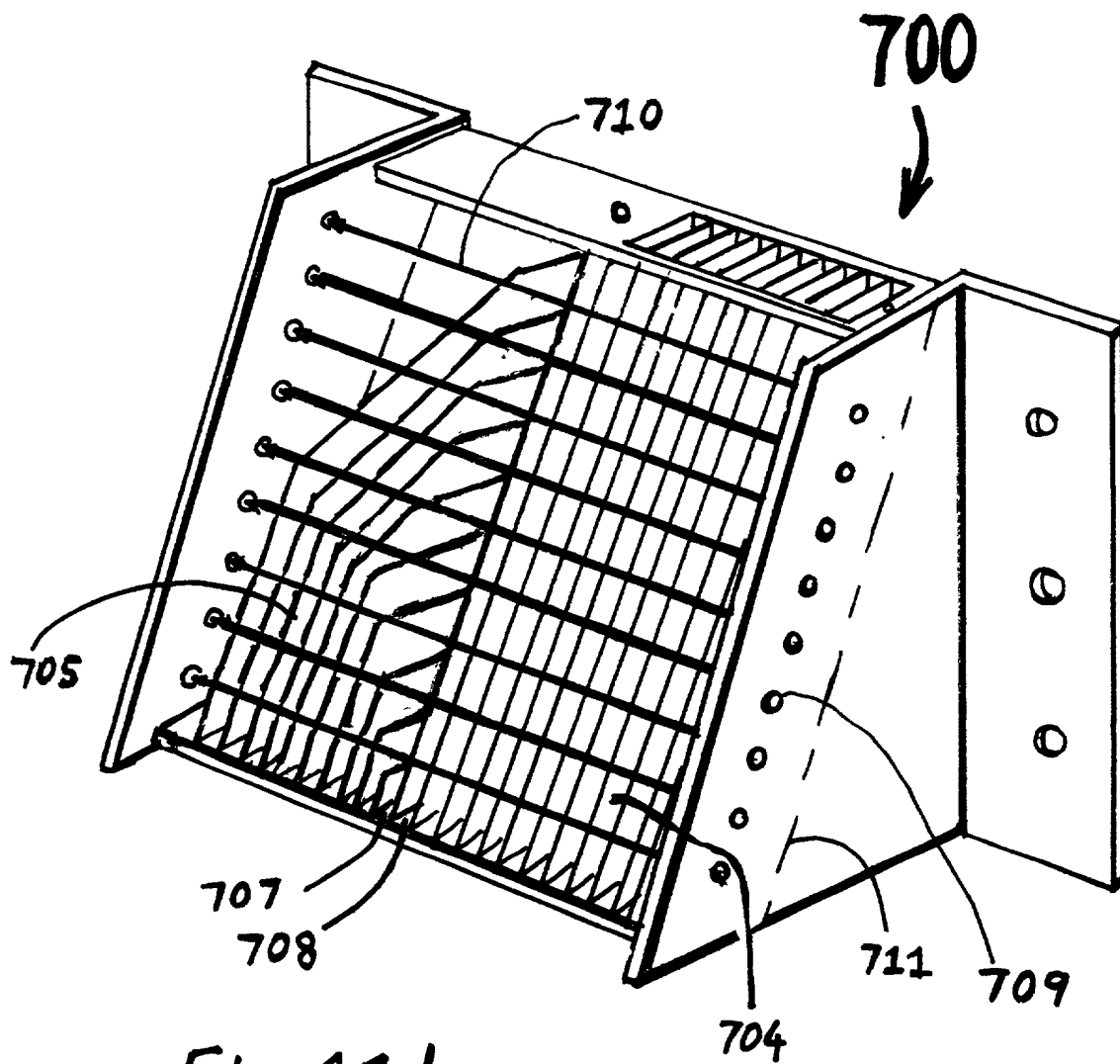


Fig. 11b

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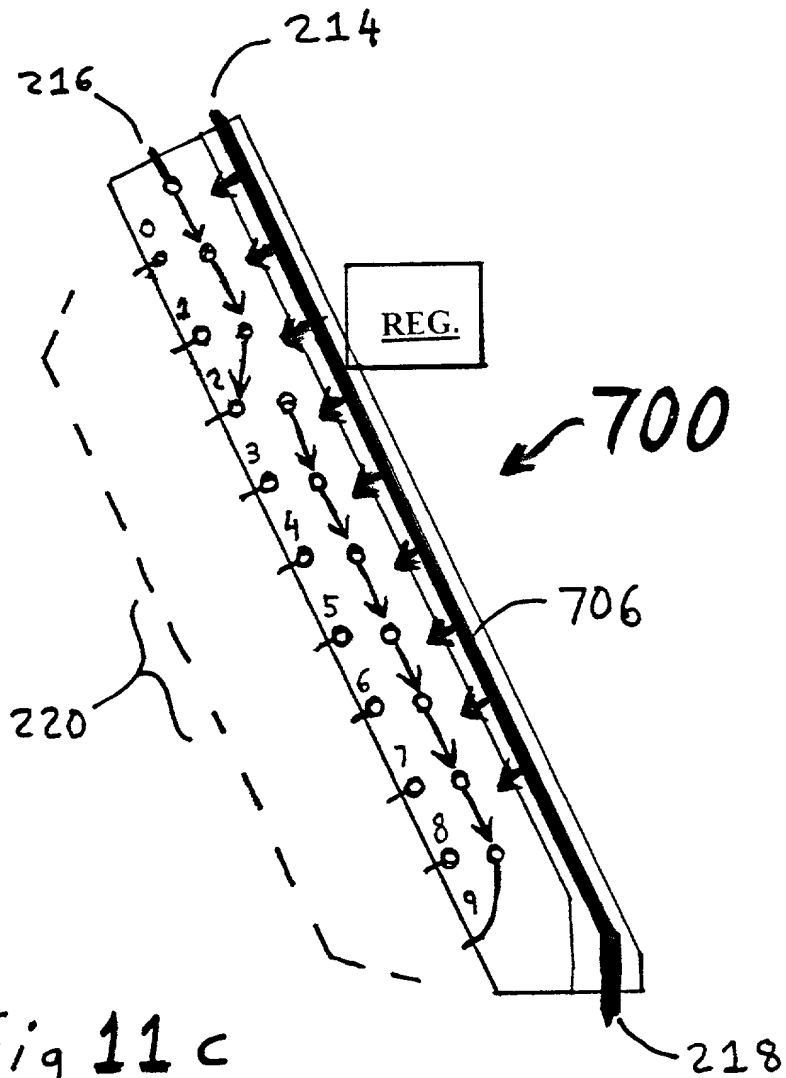


Fig 11c

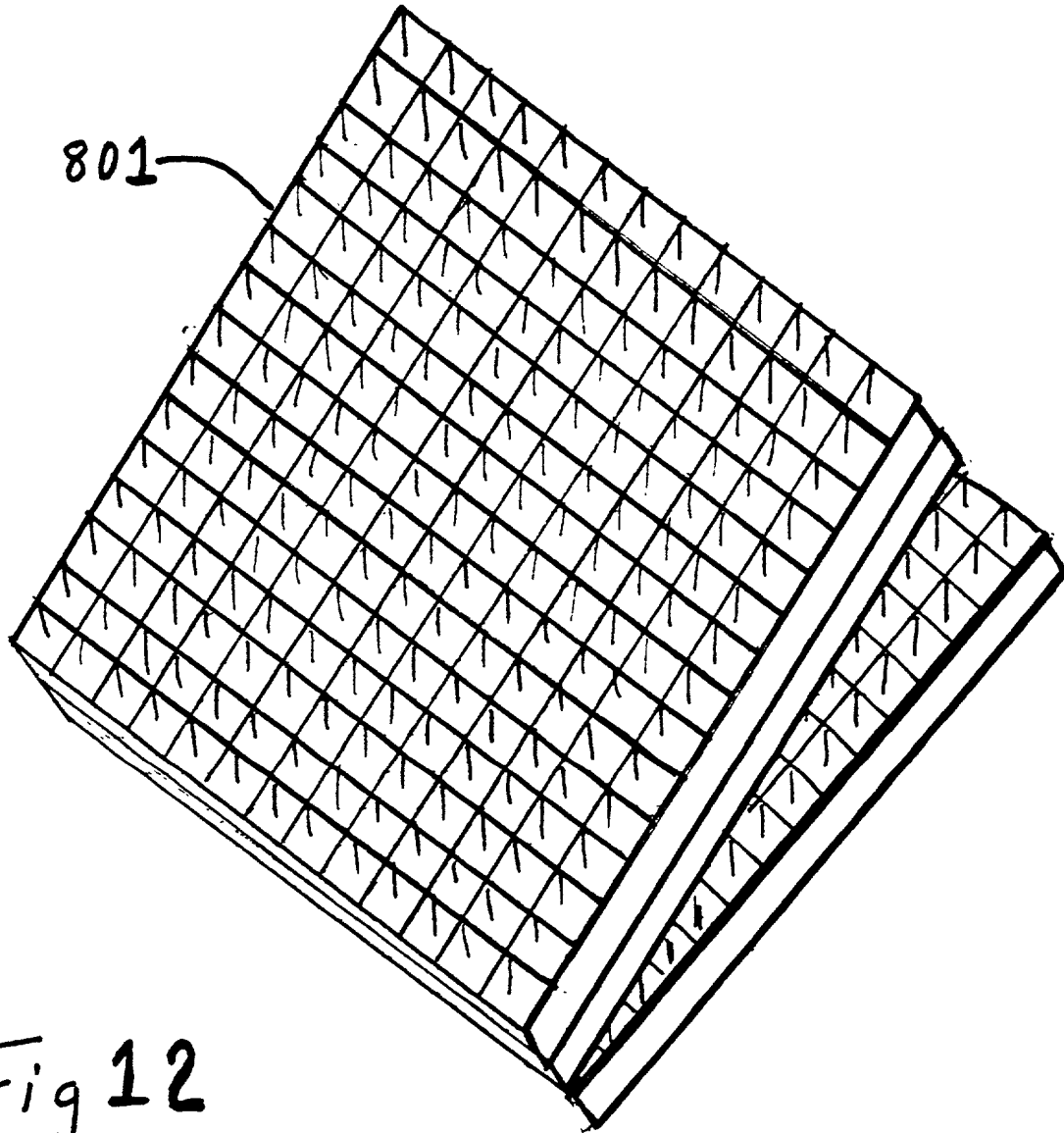
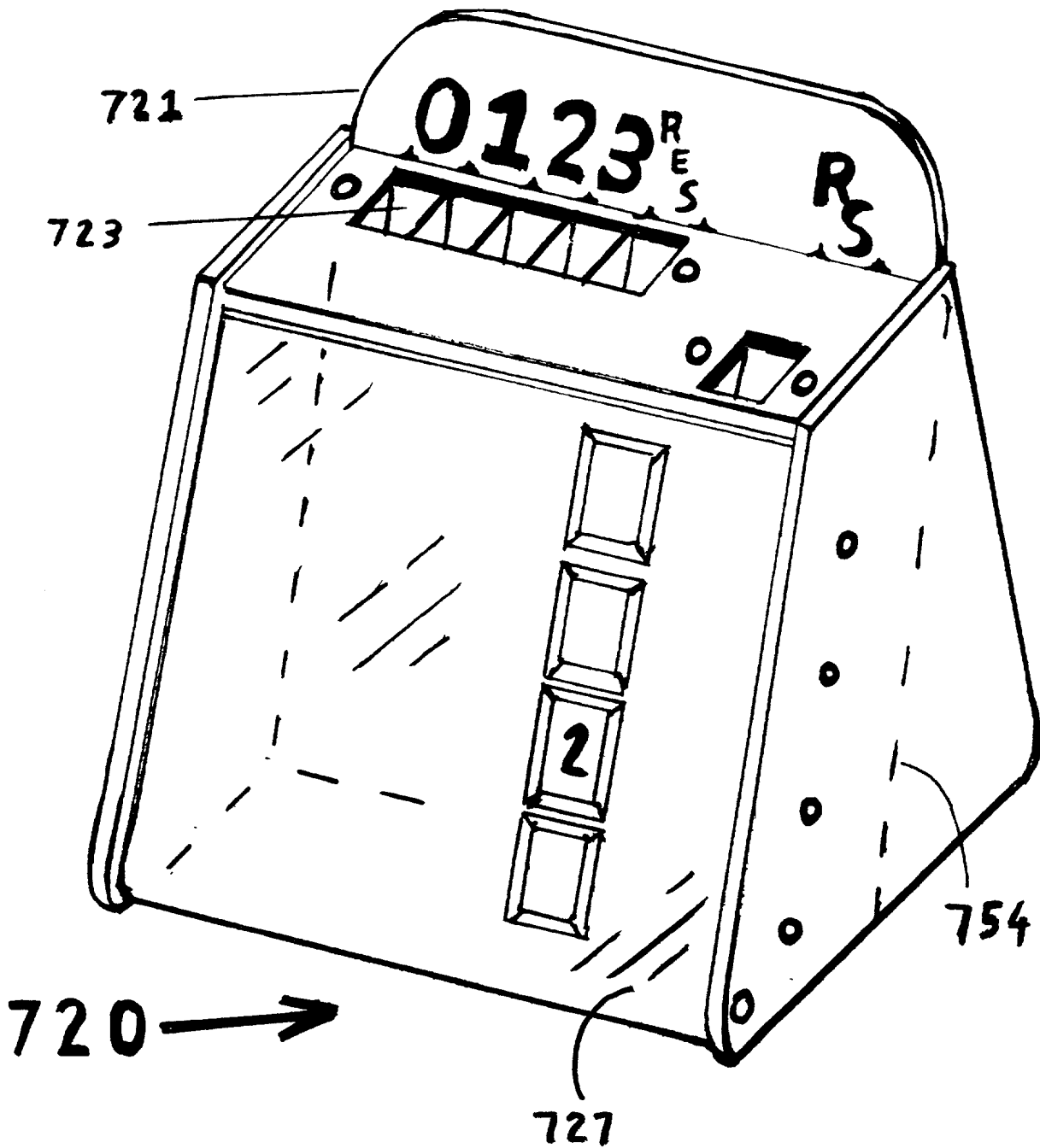


Fig 12

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Fig.13 a



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Fig. 13b

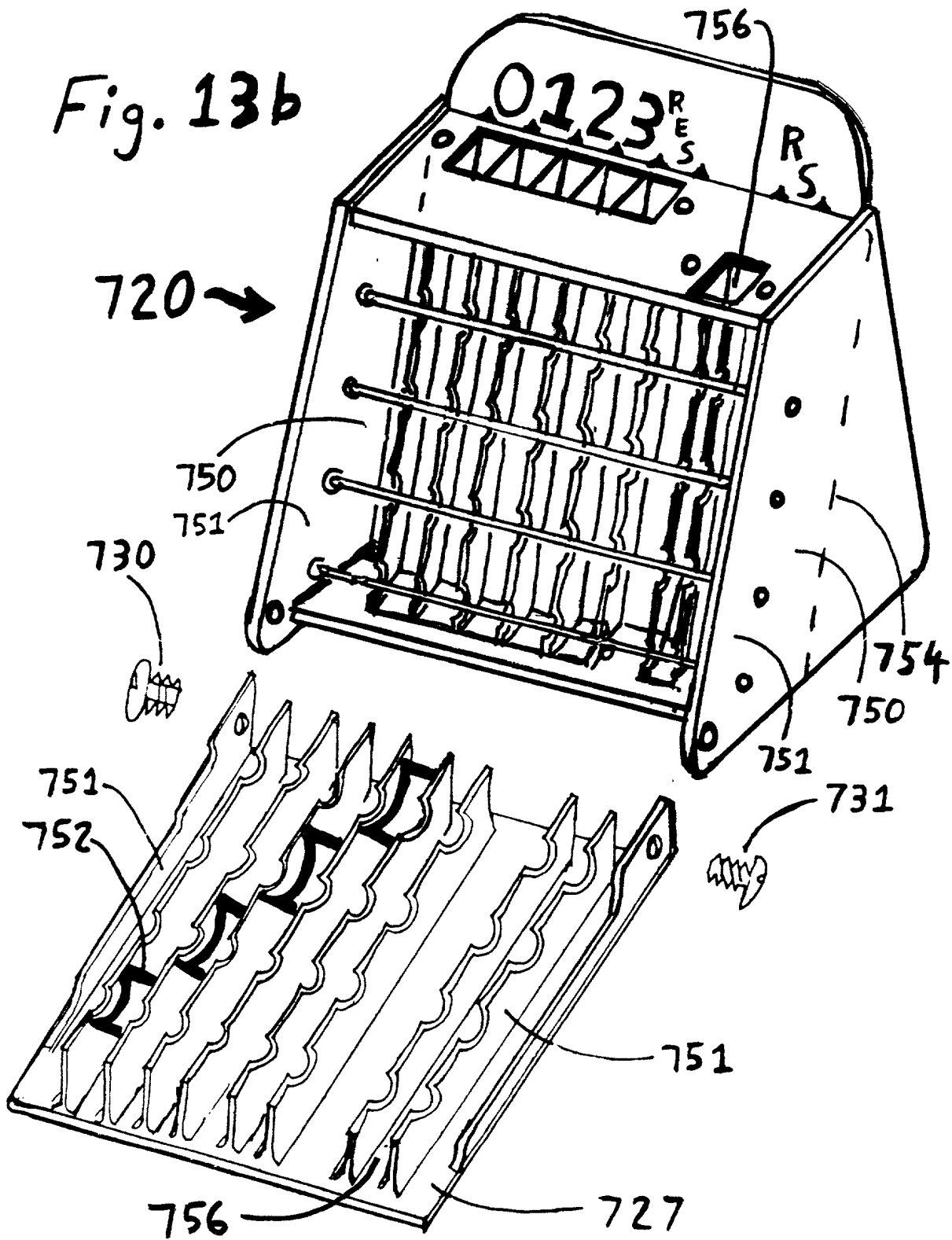
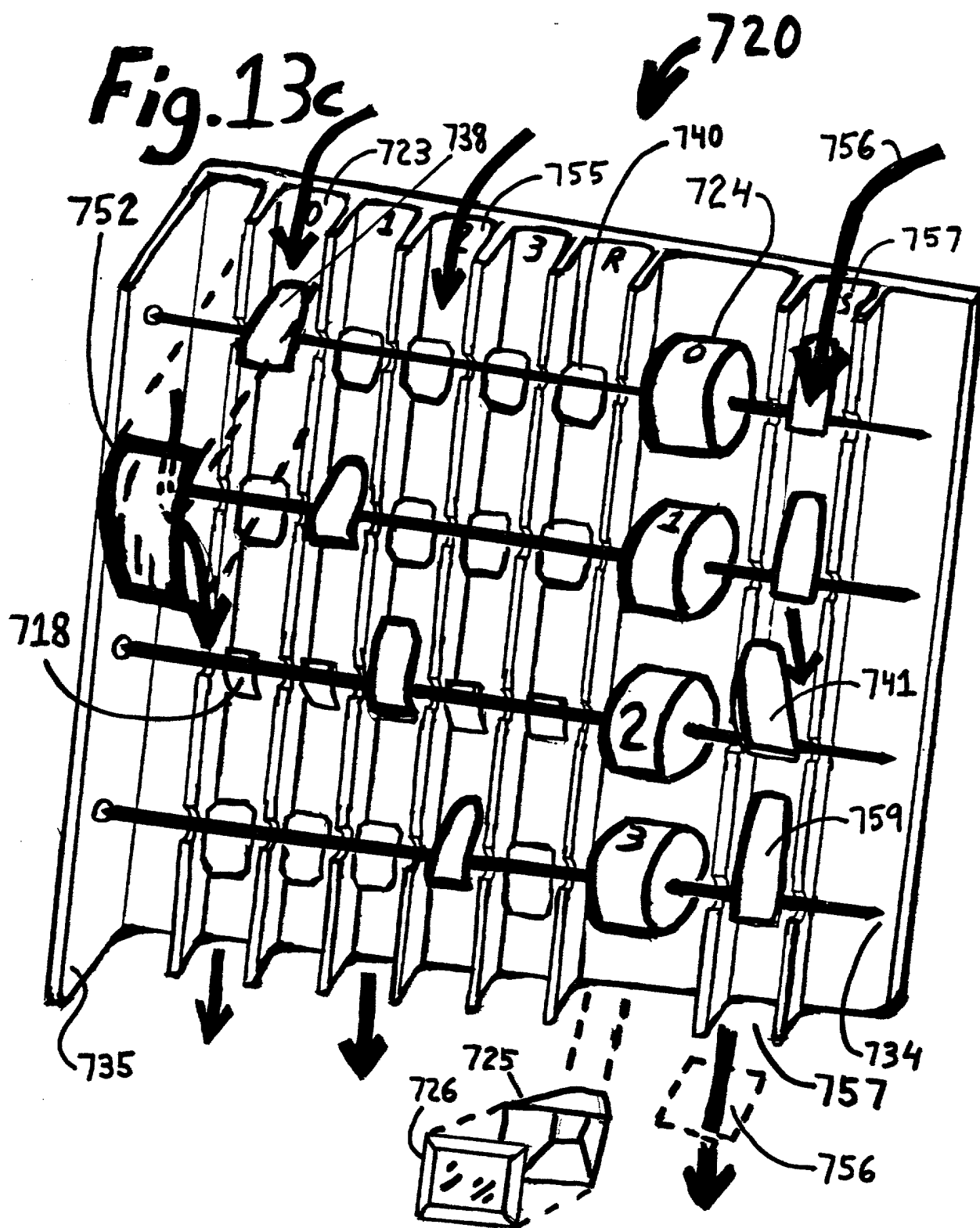


Table 1. Demographic characteristics of the study population	
Age (years)	45.5 (SD 10.5)
Gender (male/female)	10/10
Marital status (married/divorced/separated)	10/0/0
Education (years)	12.5 (SD 2.5)
Occupation (white/blue collar)	10/0
Religion (Jewish/Muslim)	10/0
Smoking status (smoker/non-smoker)	10/0
Alcohol consumption (yes/no)	10/0
Family size (number of children)	2.5 (SD 1.5)
Income (USD/month)	1,200 (SD 300)
Health insurance (yes/no)	10/0
Comorbidities (hypertension/diabetes/asthma)	5/5/5
Medication (yes/no)	10/0
Stress level (low/moderate/high)	10/0/0
Life satisfaction (yes/no)	10/0
Quality of life (SF-36 score)	50 (SD 10)
Overall health (good/fair/poor)	10/0/0
Physical activity (yes/no)	10/0
Dietary habits (healthy/unhealthy)	10/0
Sleep quality (good/poor)	10/0
Mental health (stable/unstable)	10/0
Substance use (drugs/alcohol)	0/10
Family support (yes/no)	10/0
Community involvement (yes/no)	10/0
Work-life balance (yes/no)	10/0
Financial stability (yes/no)	10/0
Healthcare access (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0
Fire department (yes/no)	10/0
Emergency services (yes/no)	10/0
Public safety (yes/no)	10/0
Environmental quality (yes/no)	10/0
Transportation (yes/no)	10/0
Communication (yes/no)	10/0
Education (yes/no)	10/0
Healthcare (yes/no)	10/0
Law enforcement (yes/no)	10/0



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Fig 14a

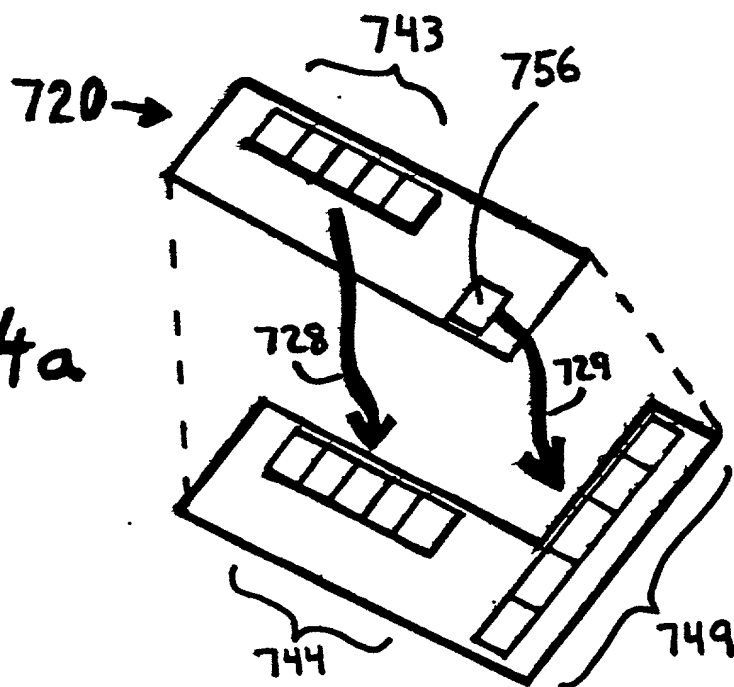


Fig 14b

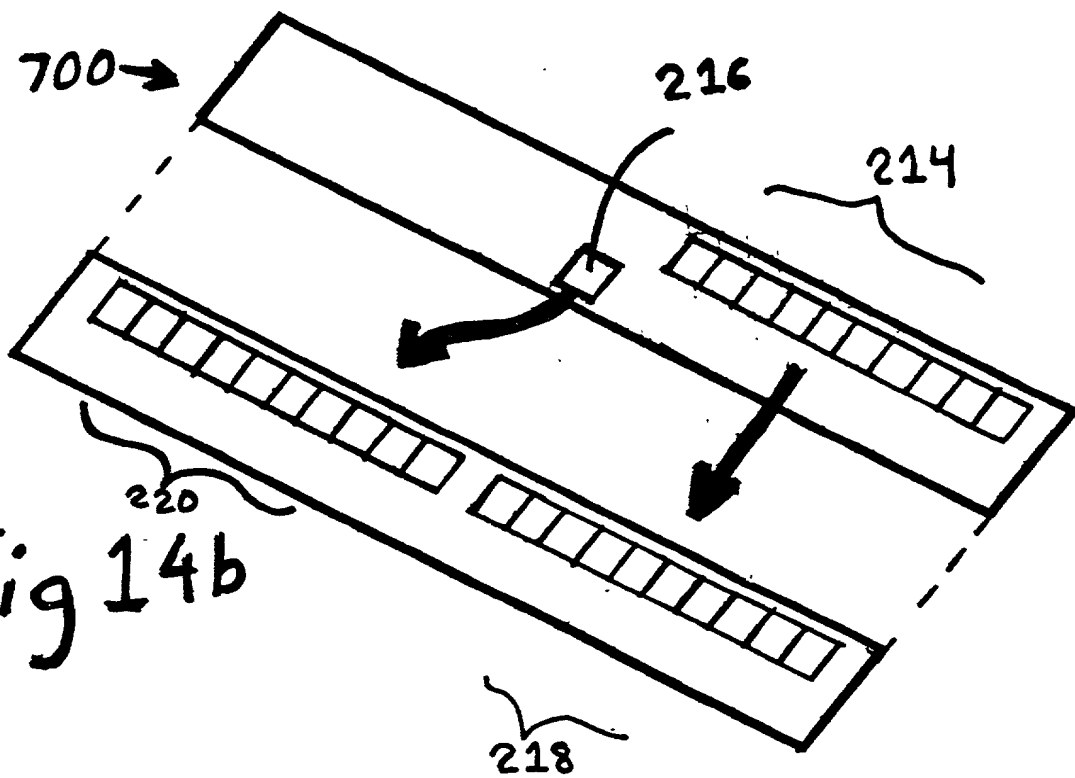
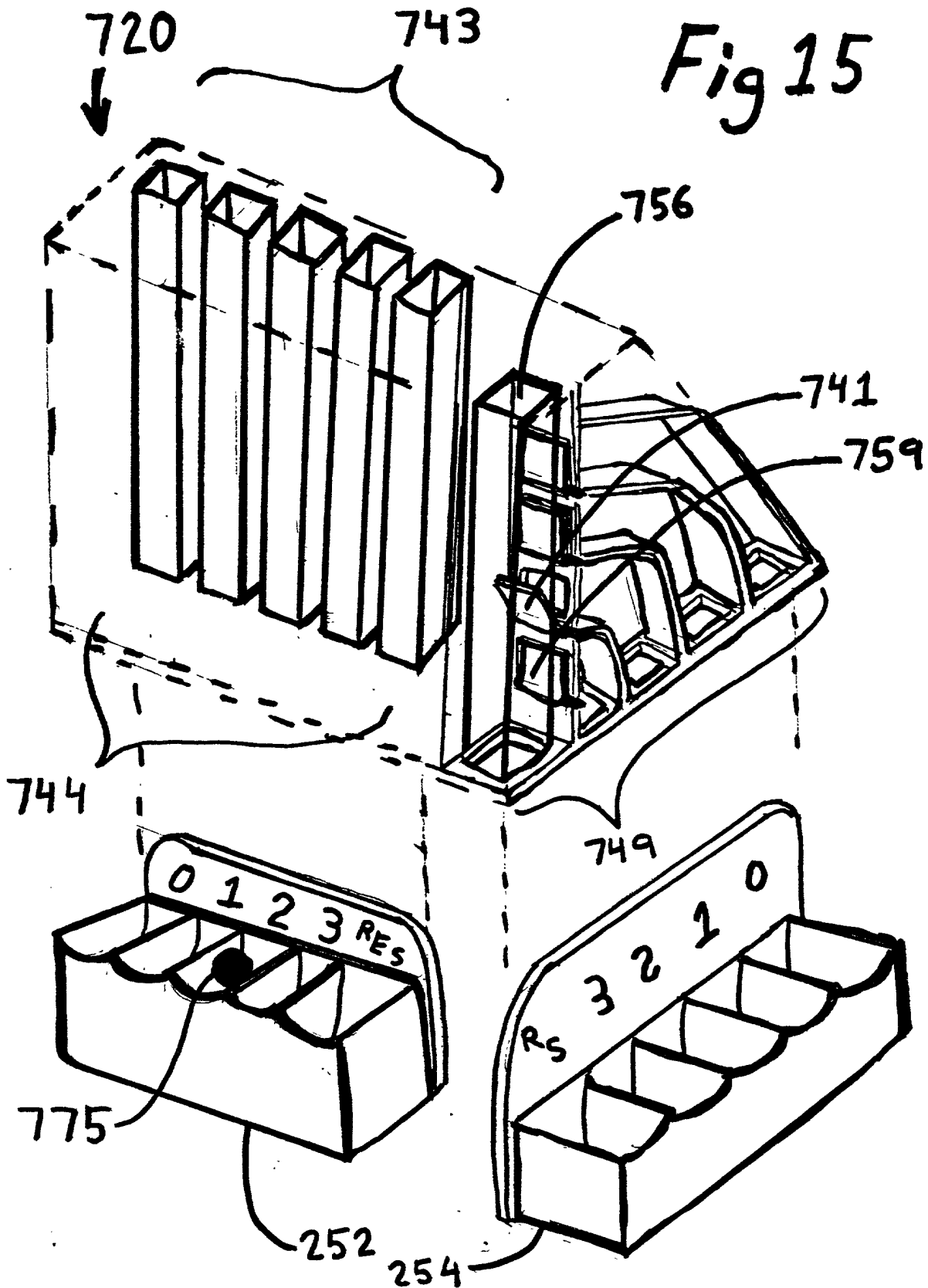


Fig 15



22188

10043960.01103

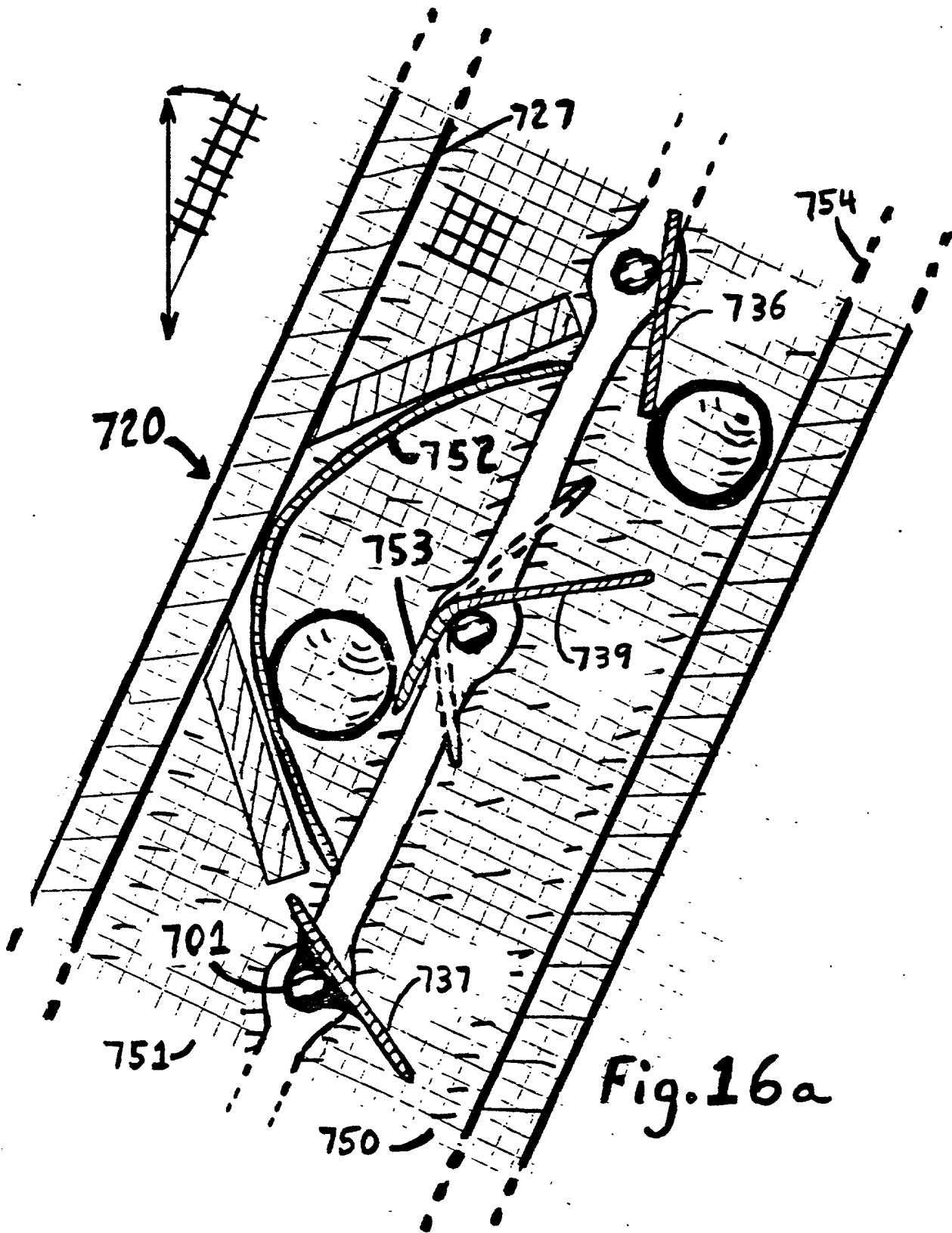
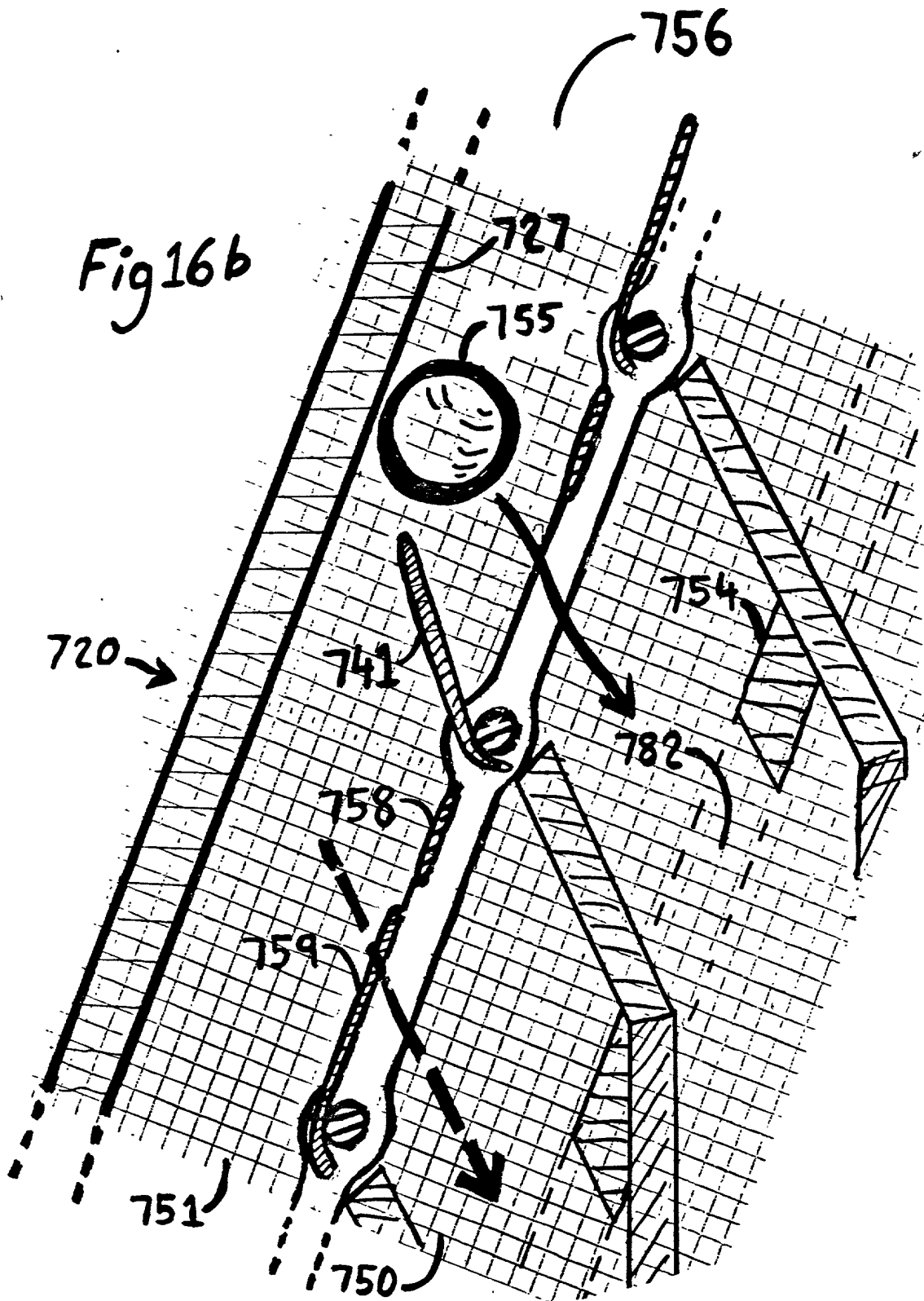
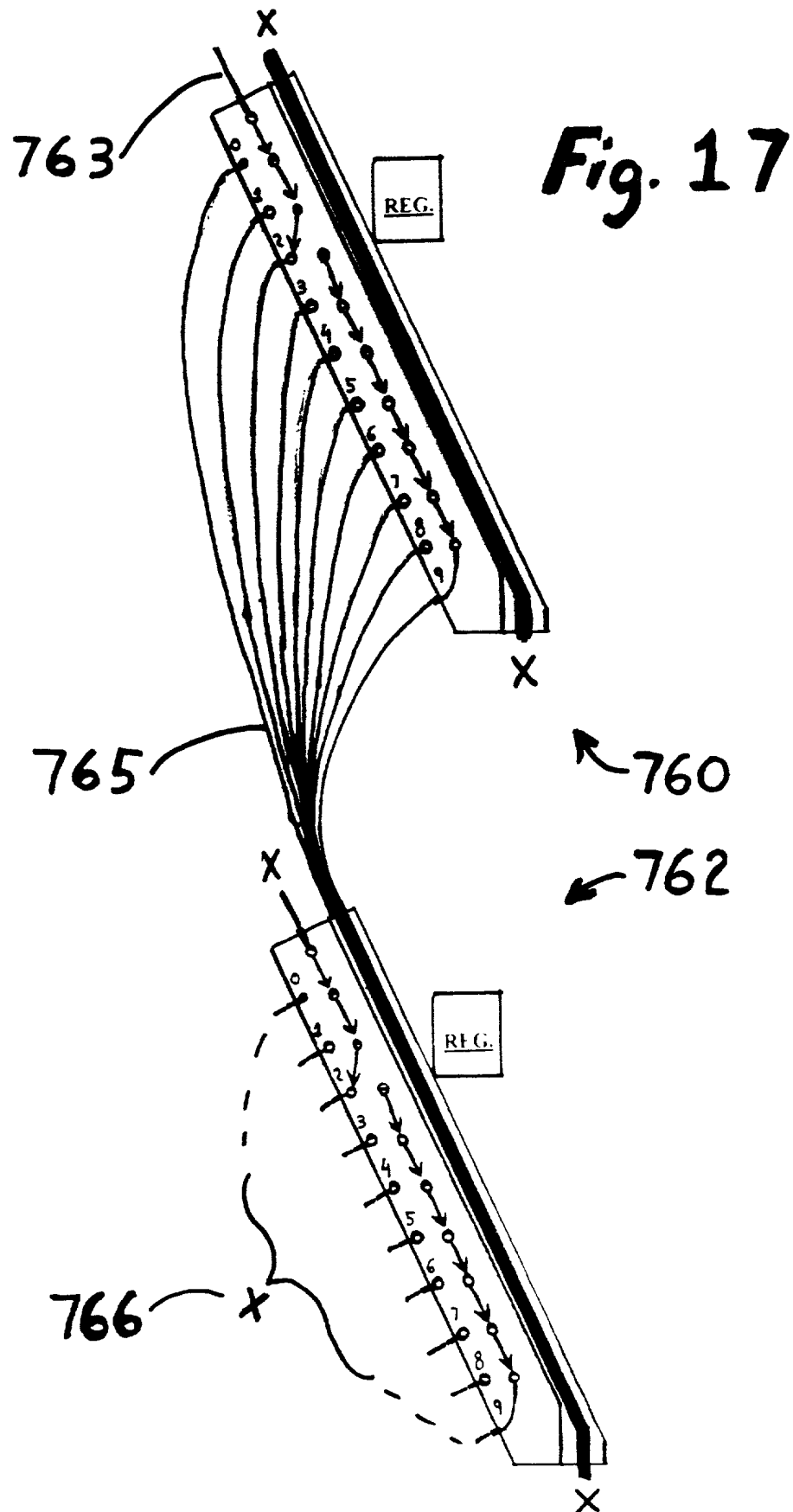


Fig. 16a

Fig 16b



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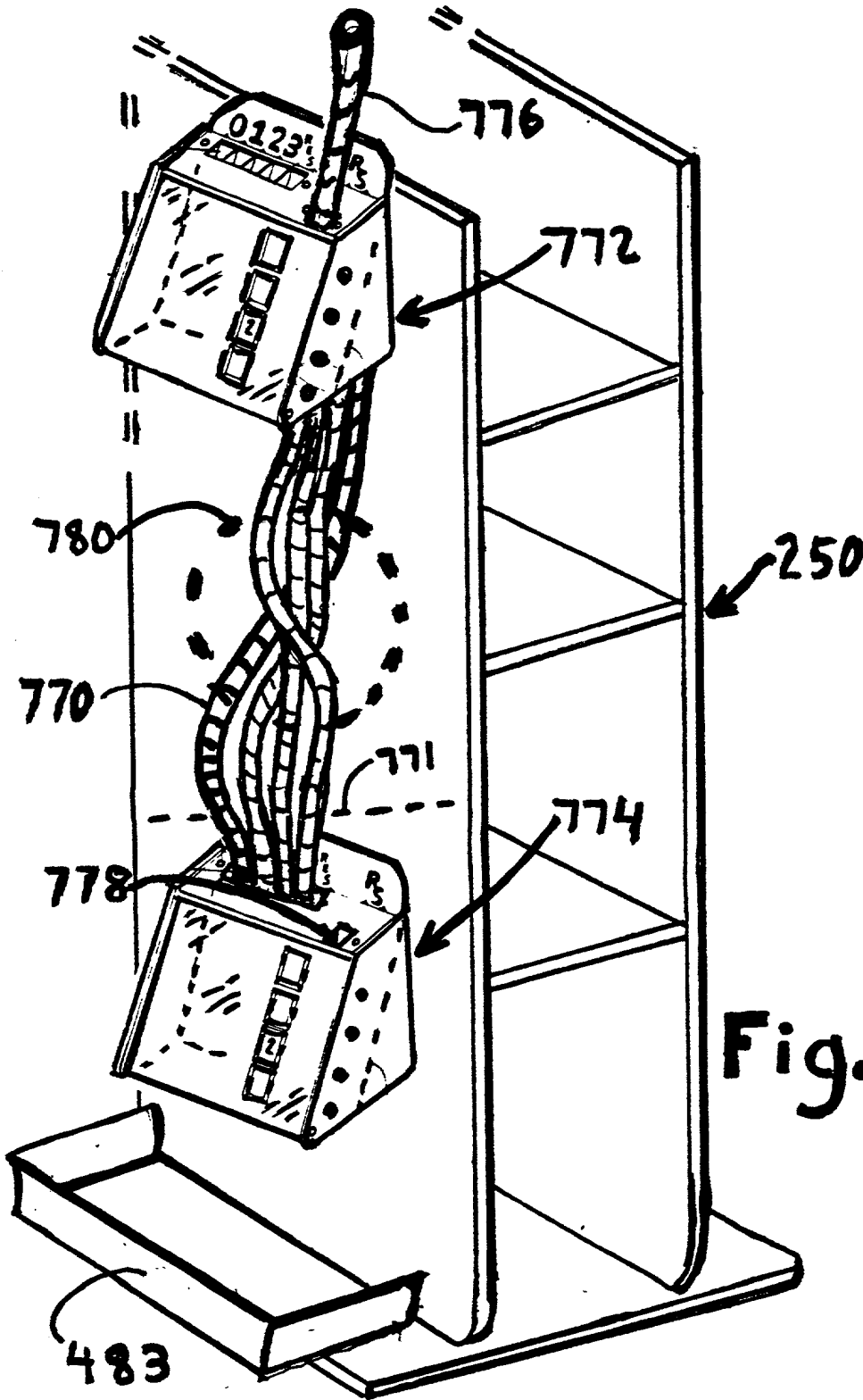


Fig. 18a

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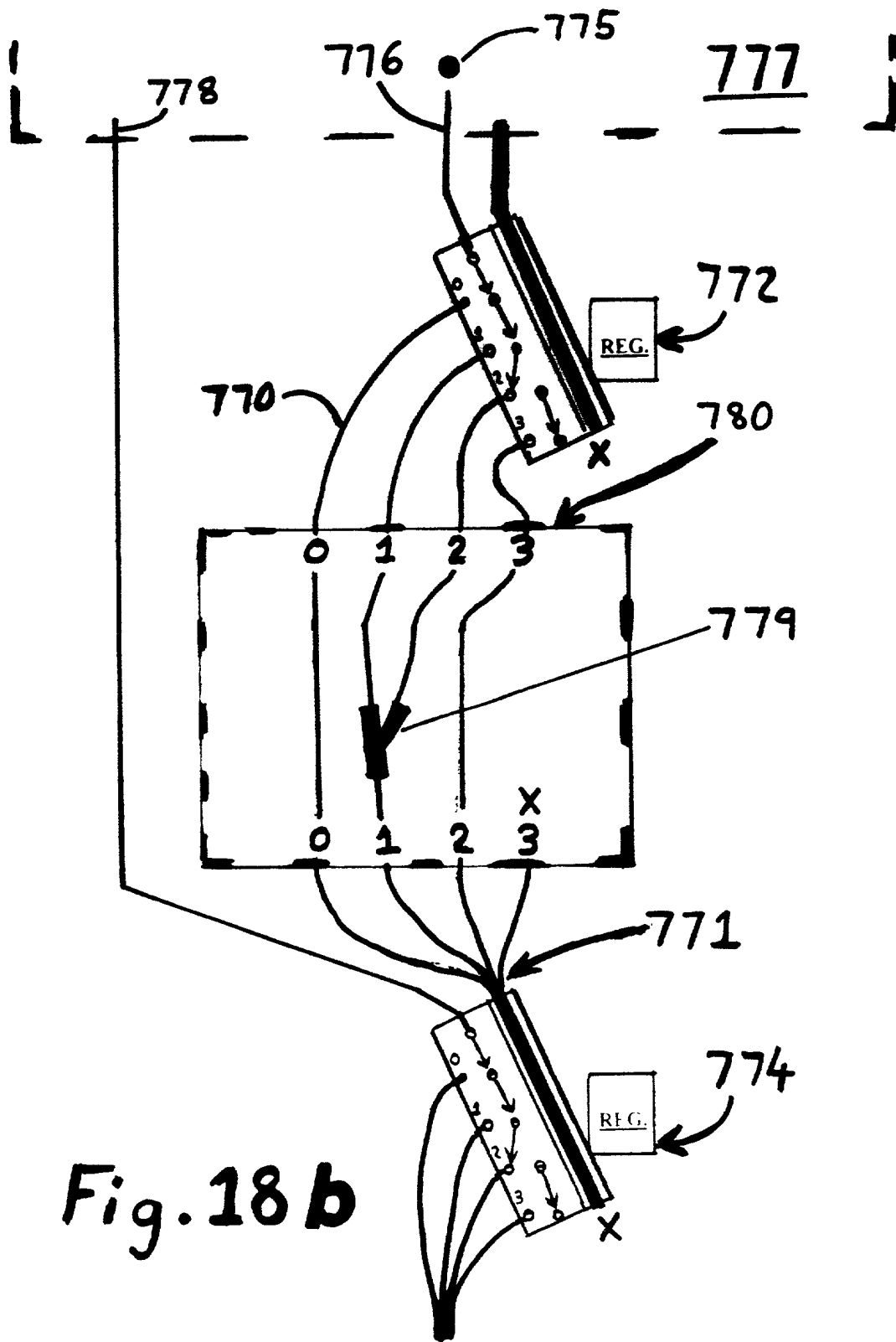


Fig. 18b

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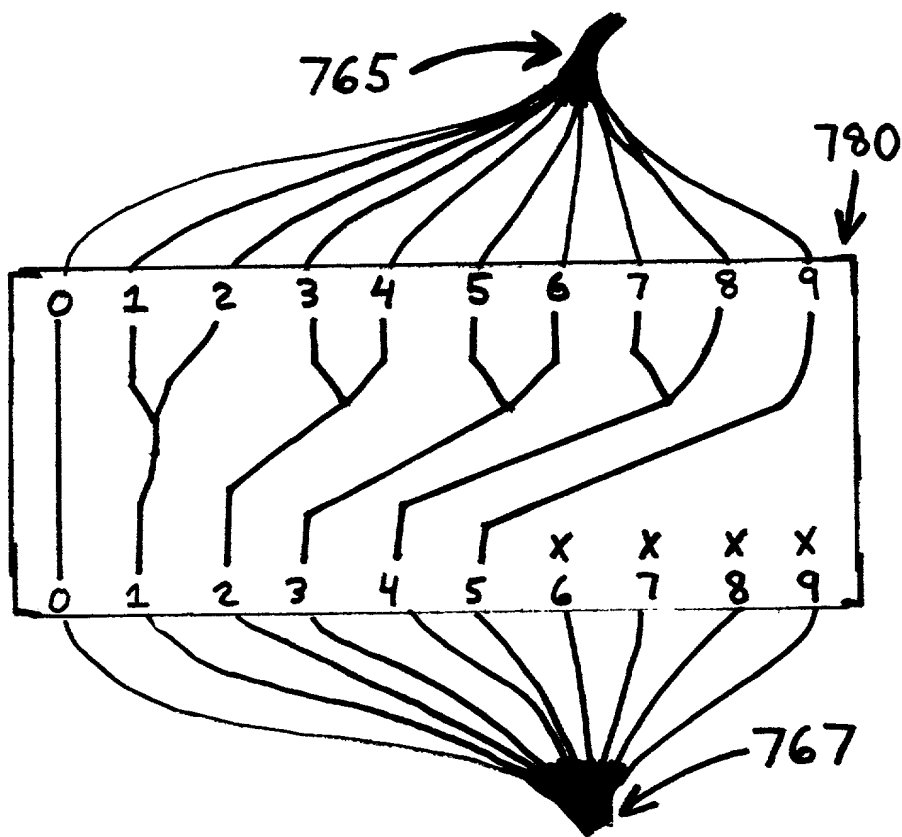


Fig. 19a

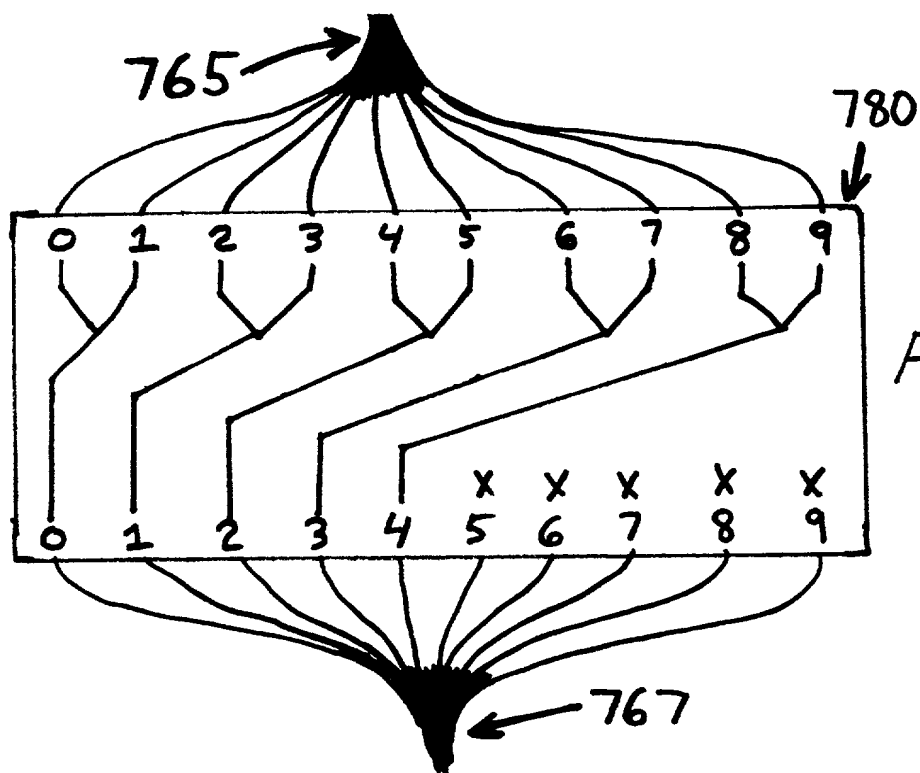


Fig. 19b

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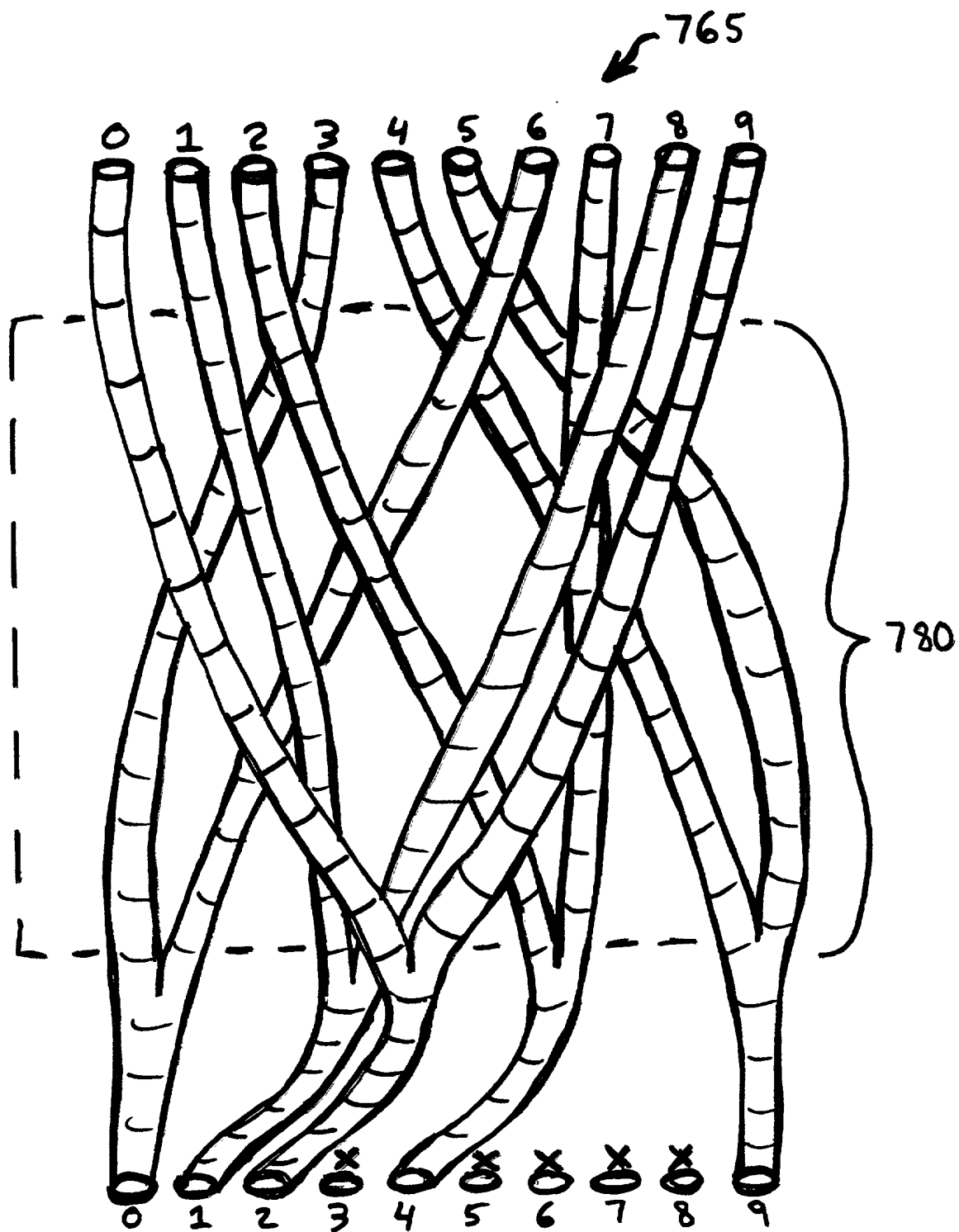
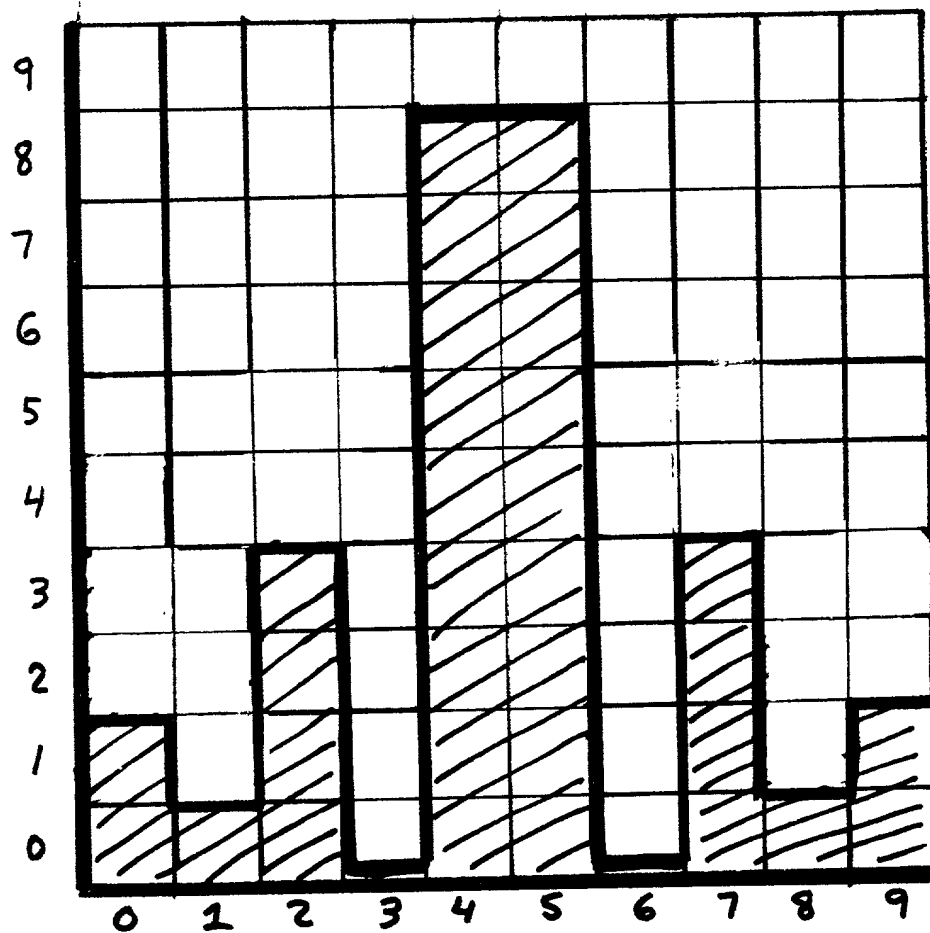


Fig 20a

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Fig. 20b



$$Y \approx N * \text{SINC}(X)$$

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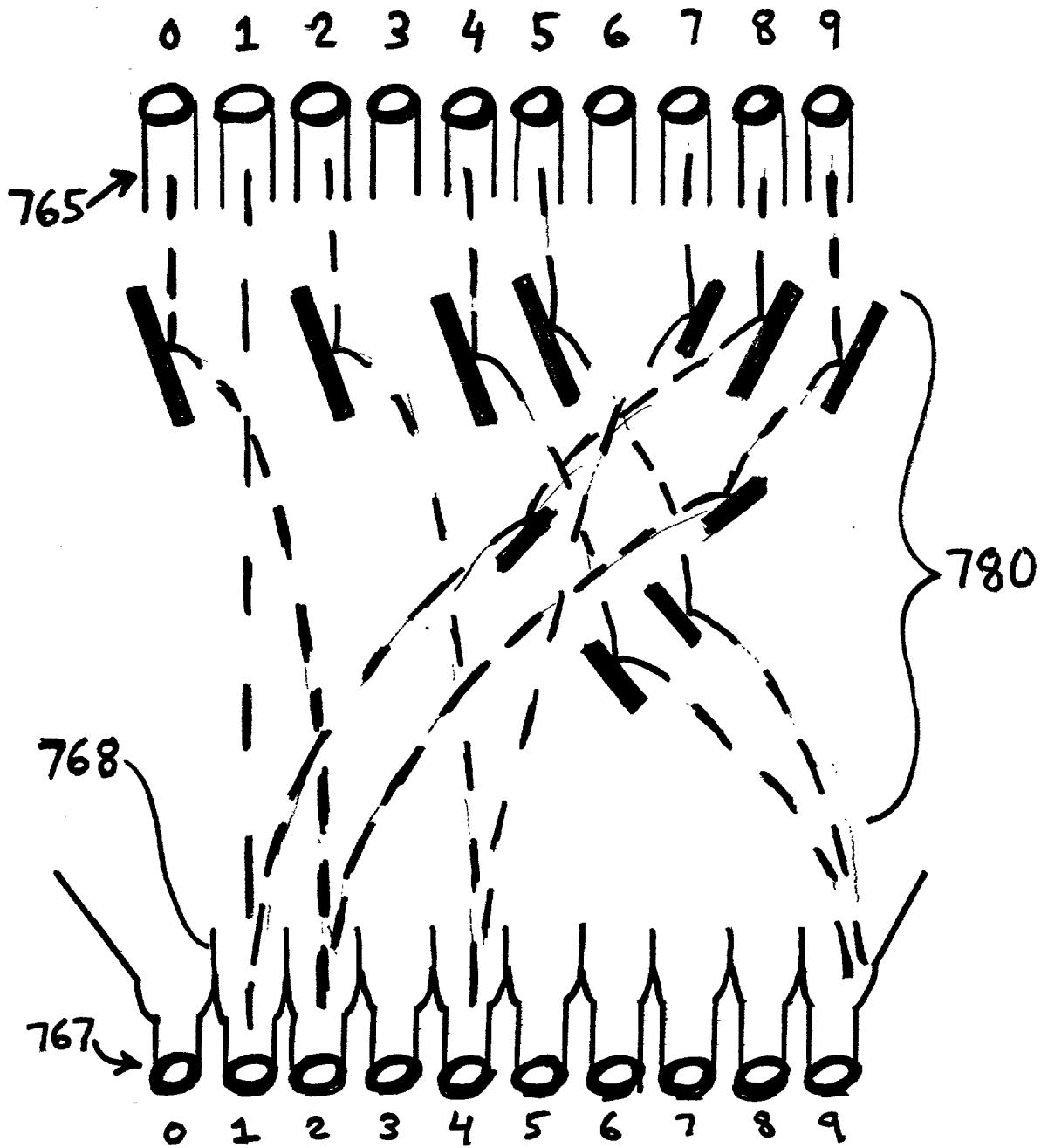
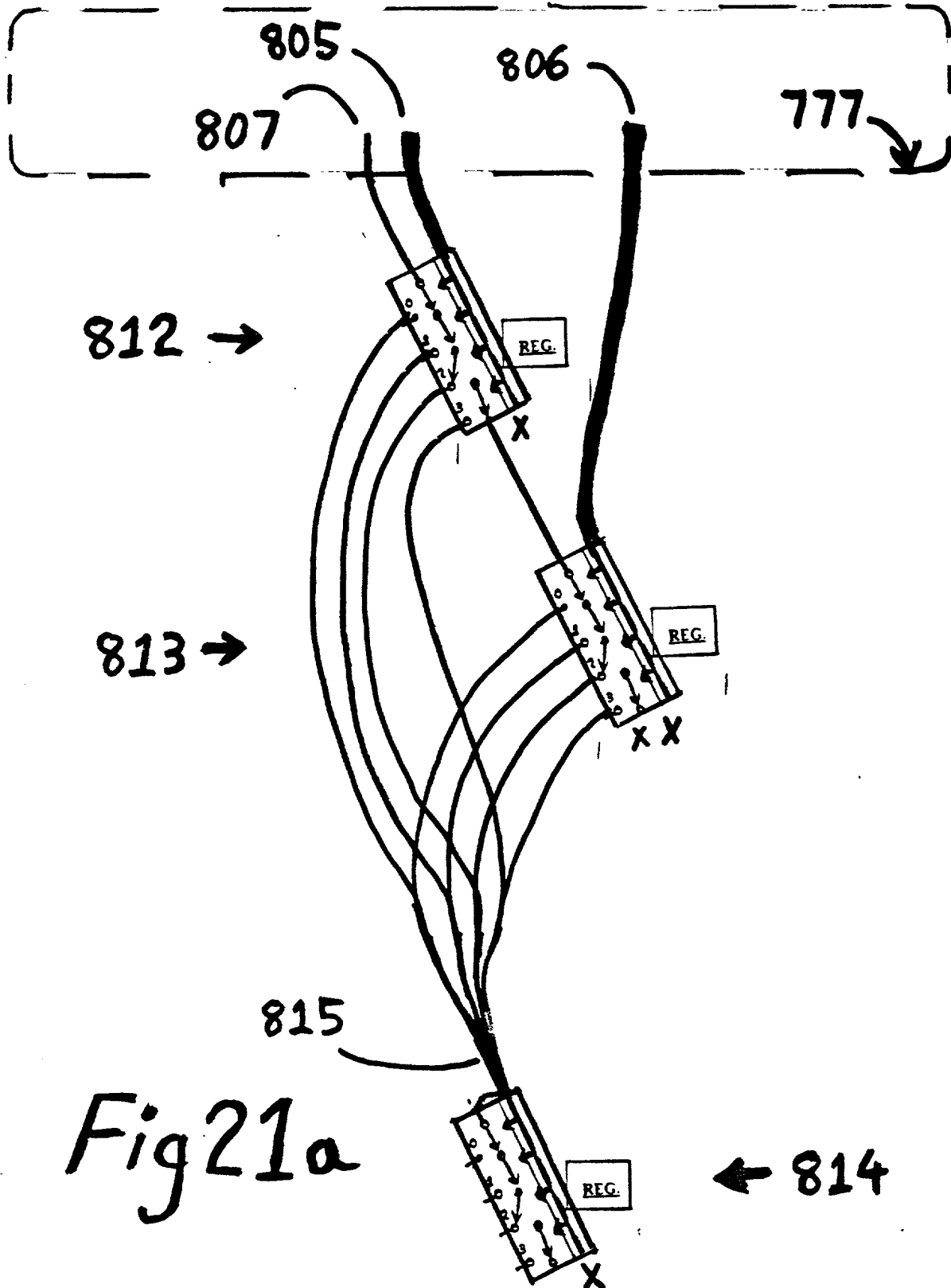


Fig 20c

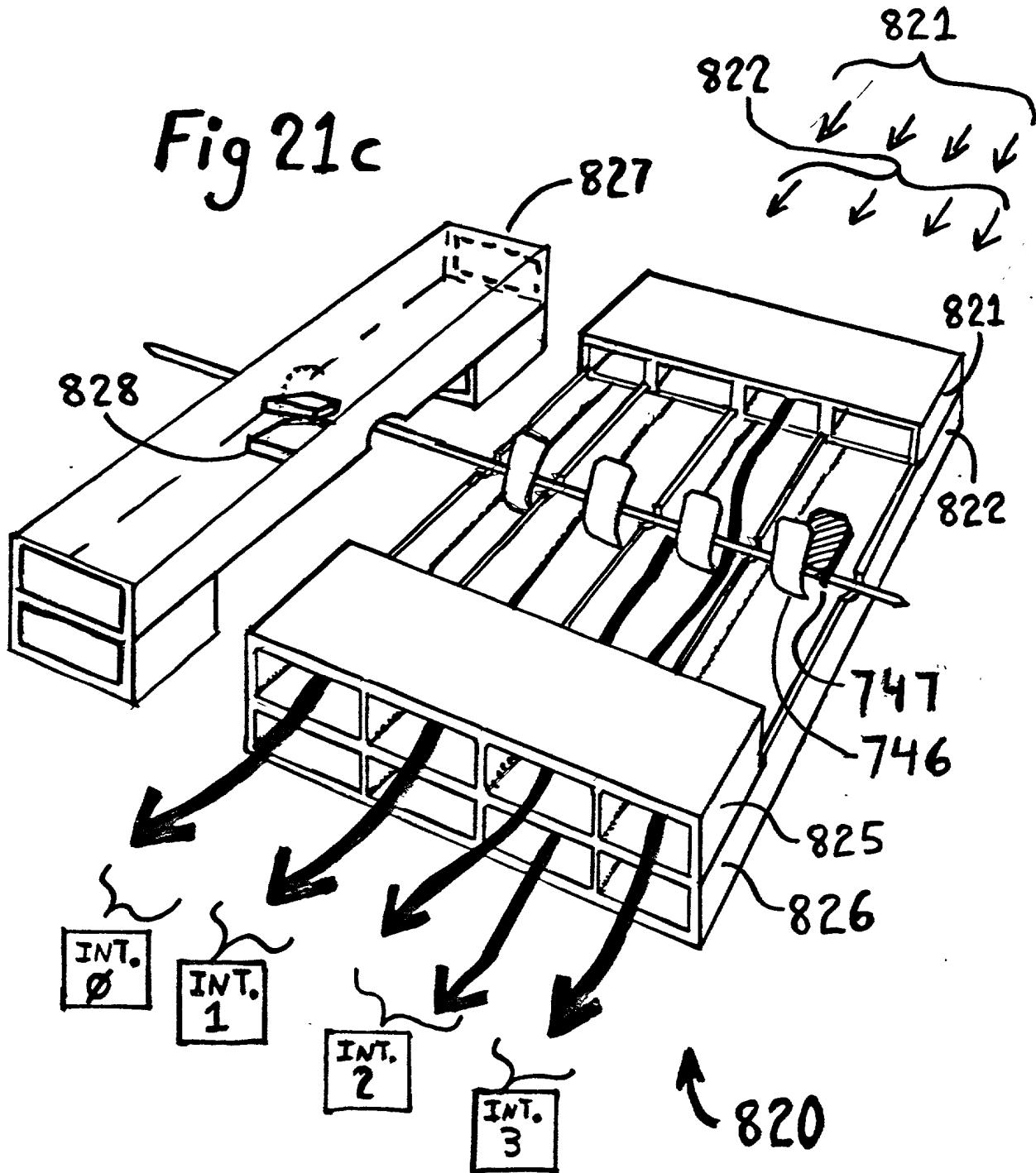
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Fig 21c



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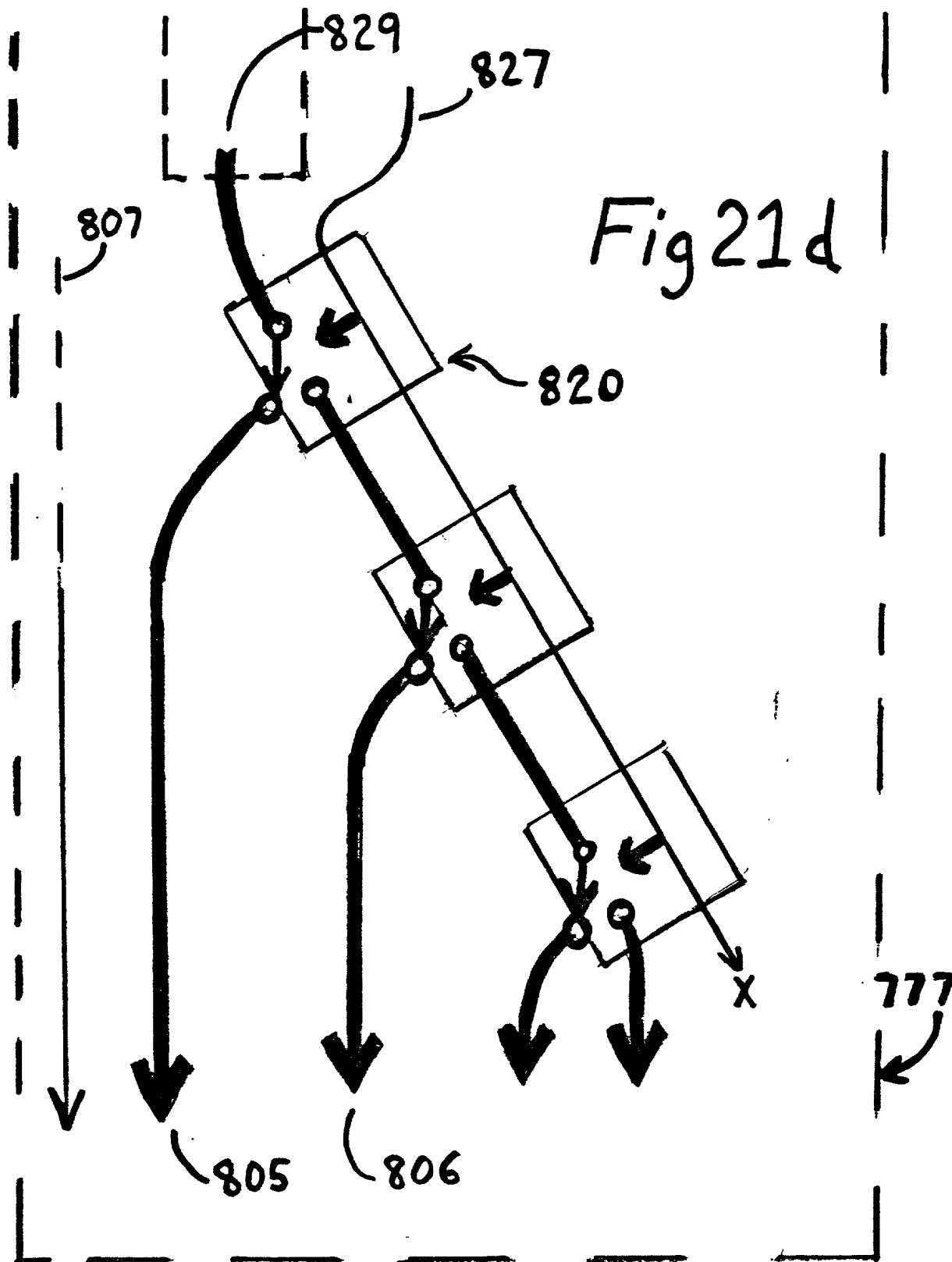
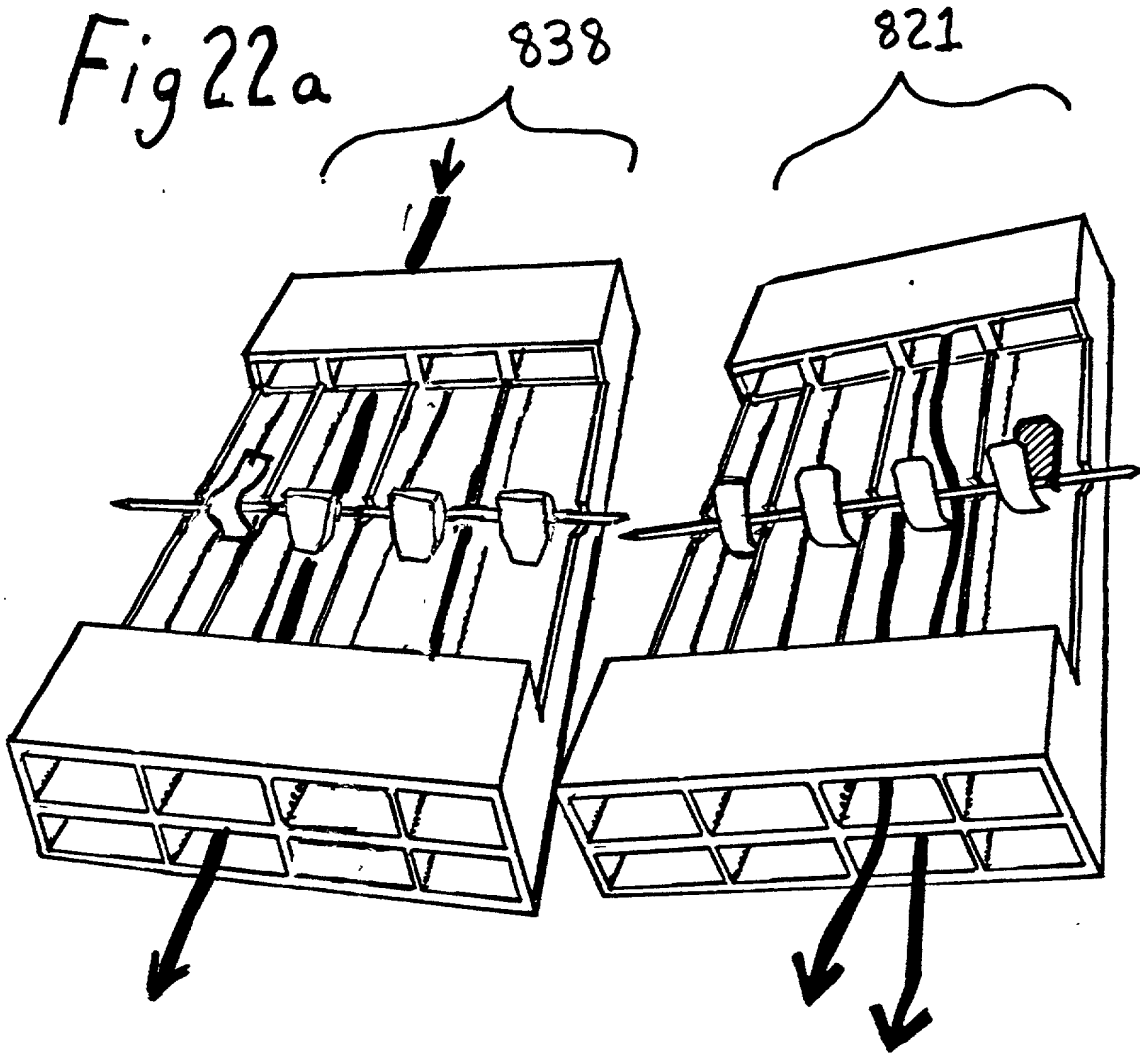
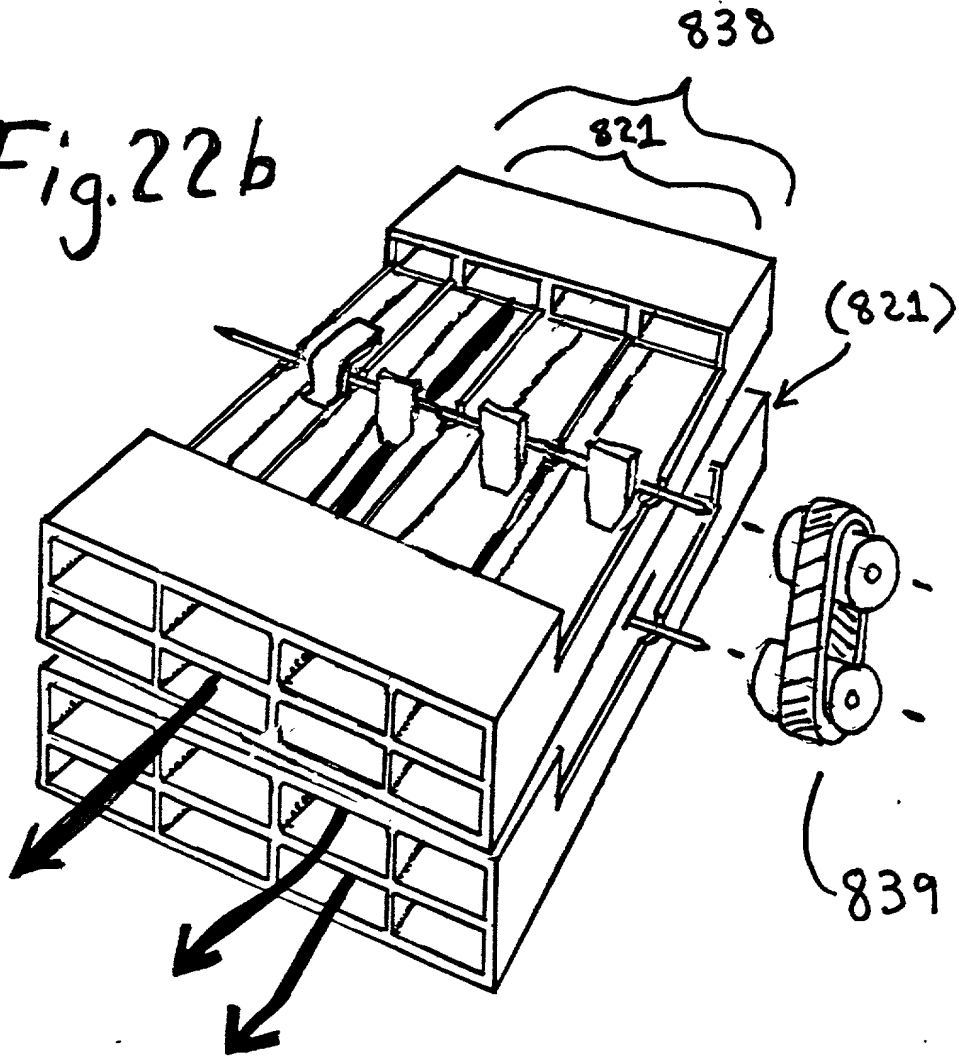


Fig 22a

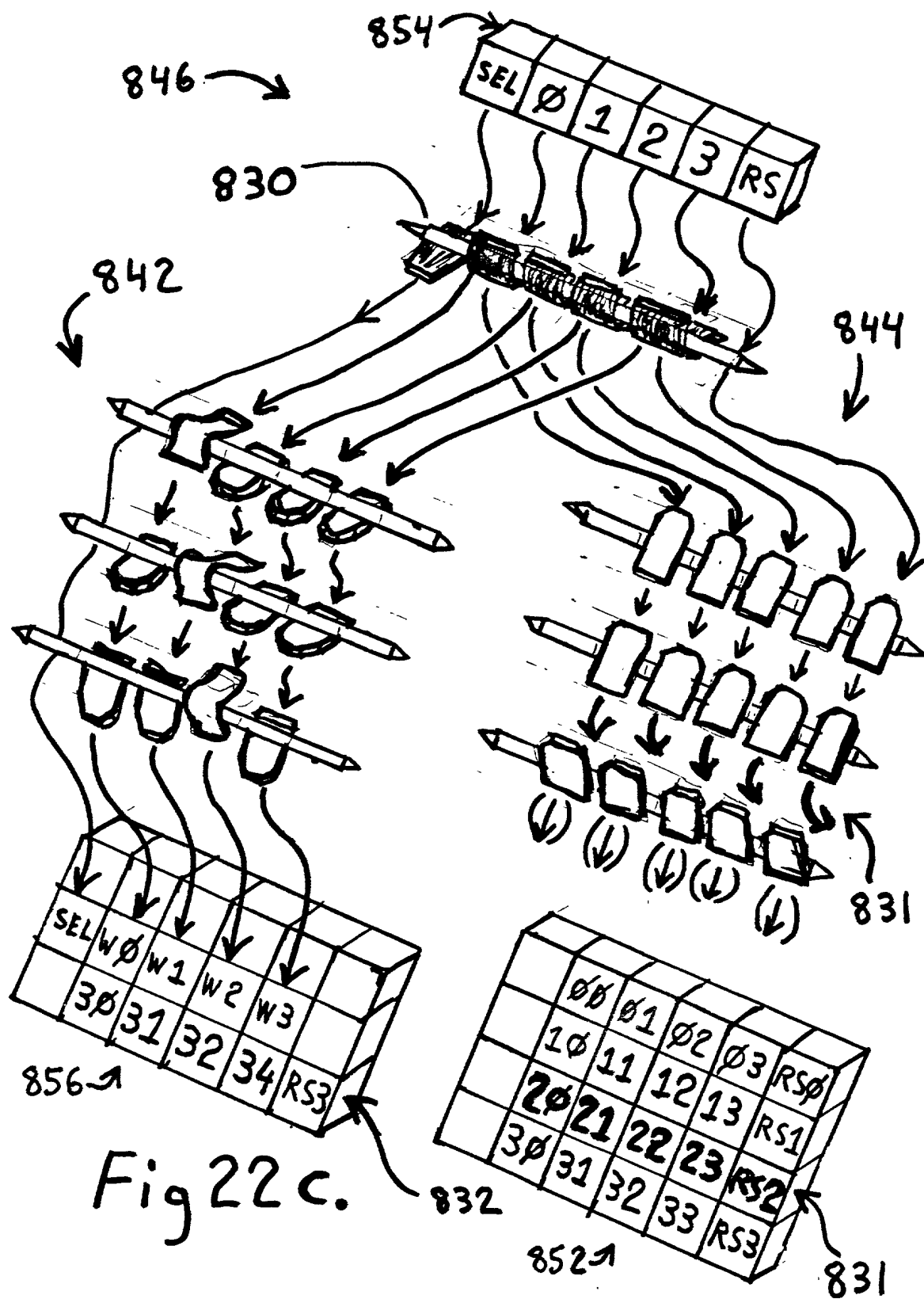


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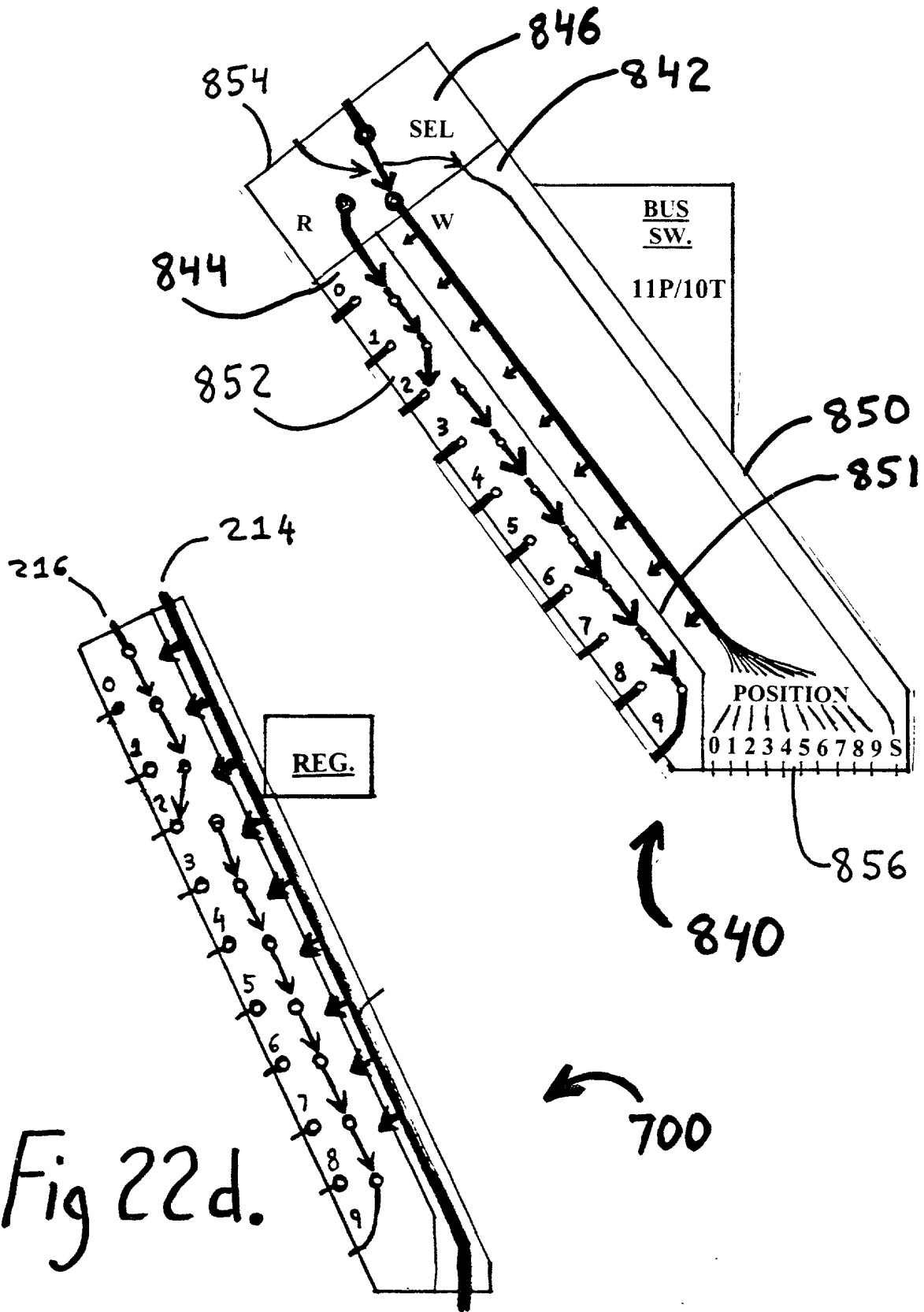
Fig. 22b



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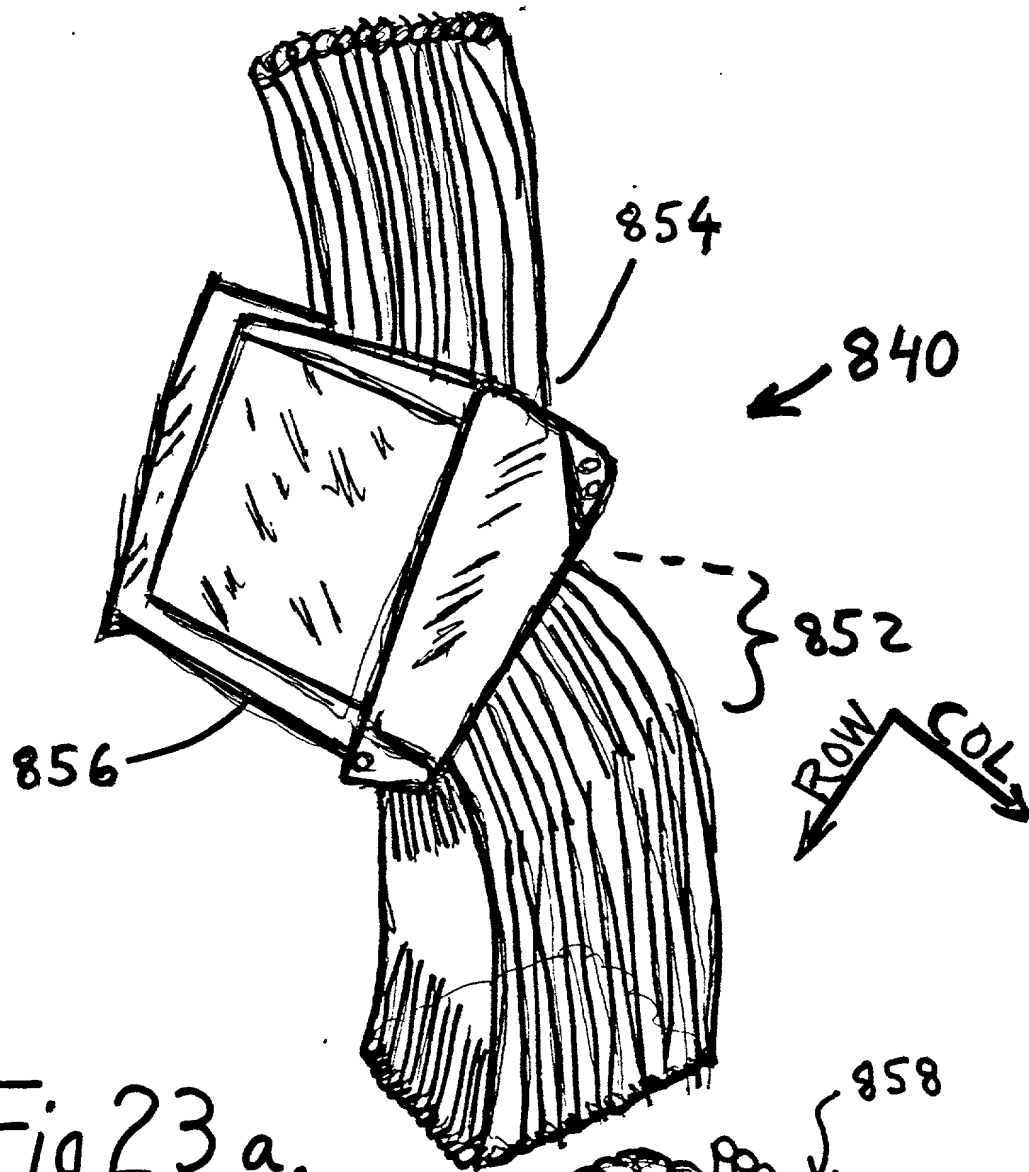
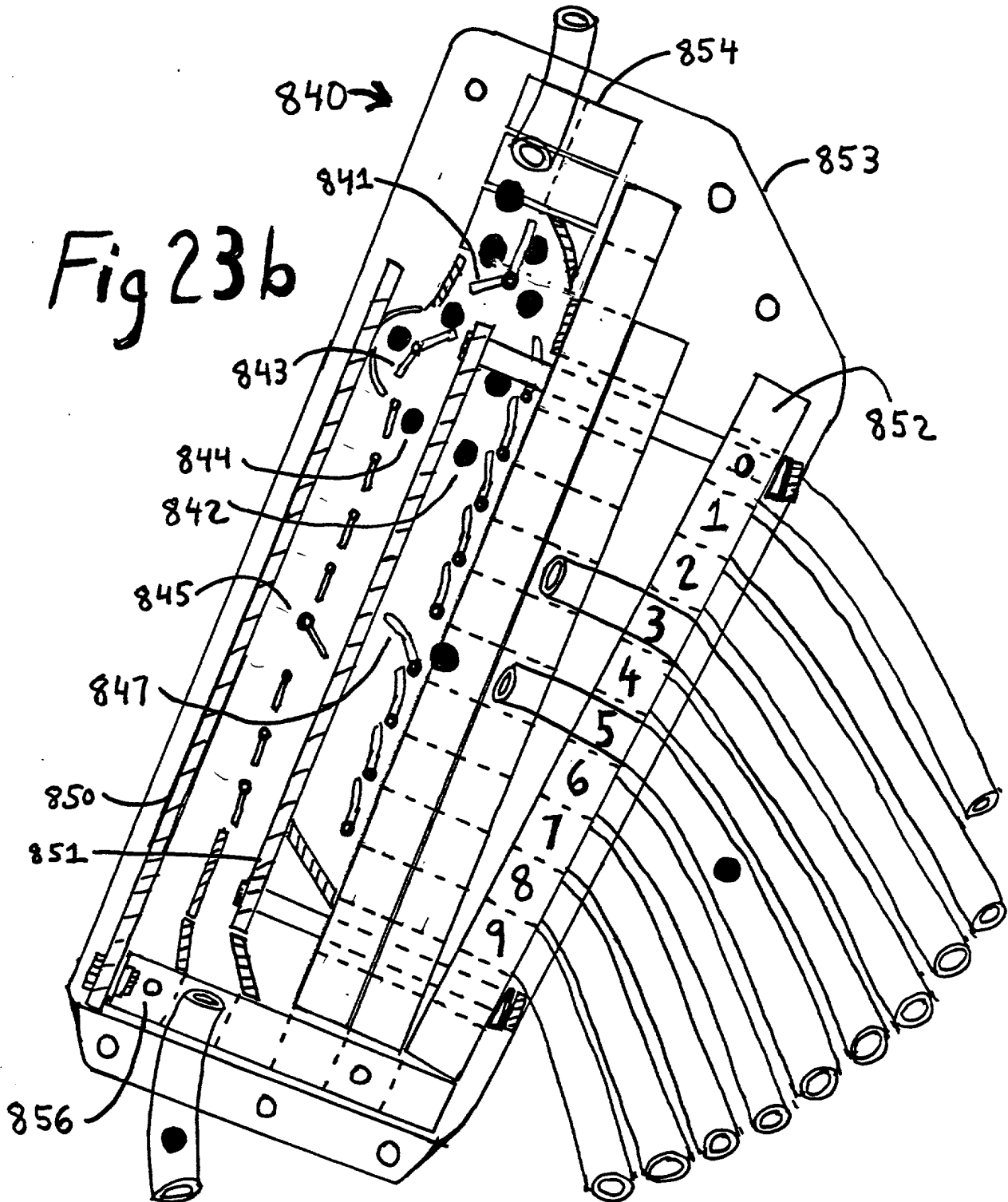


Fig 23 a.

Fig 23b



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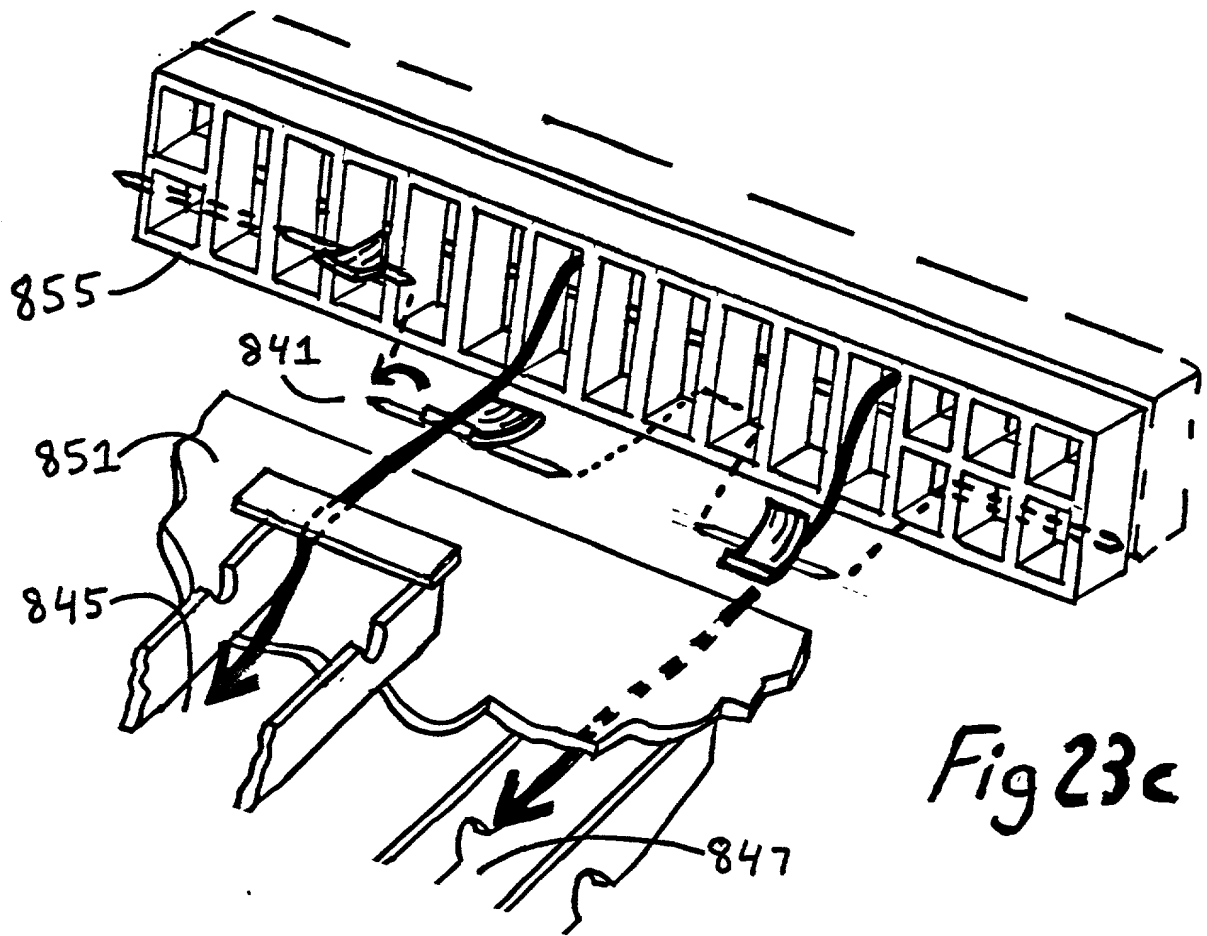


Fig 23c

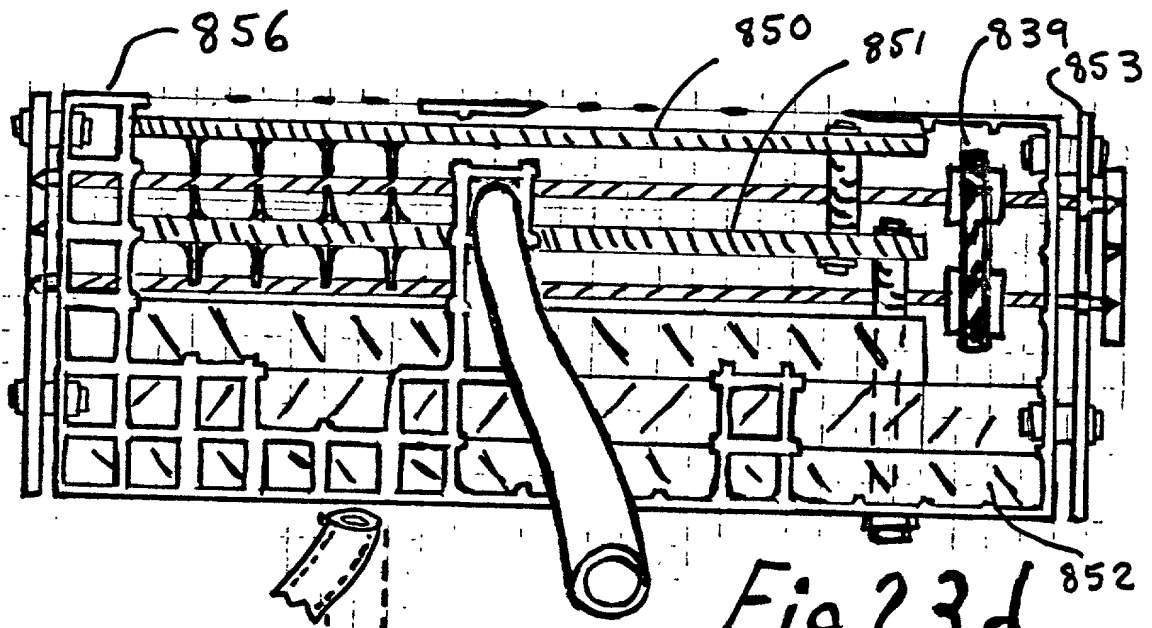
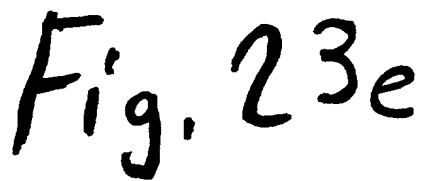
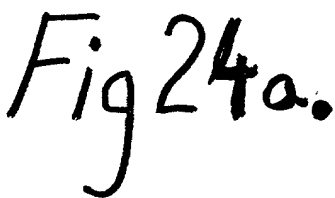


Fig 23d

Variable	Mean	SD	Min	Max
Age	34.5	10.5	18	65
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	9	16
Income	15.5	10.5	5	45
Occupation	1.5	1.5	0	3
Health status	1.5	1.5	0	3
Stress level	2.5	1.5	0	4
Life satisfaction	3.5	1.5	1	5
Resilience	4.5	1.5	1	7
Optimism	5.5	1.5	1	7
Gratitude	6.5	1.5	1	7
Forgiveness	7.5	1.5	1	7
Compassion	8.5	1.5	1	7
Kindness	9.5	1.5	1	7
Generosity	10.5	1.5	1	7
Patience	11.5	1.5	1	7
Self-control	12.5	1.5	1	7
Emotional stability	13.5	1.5	1	7
Psychological well-being	14.5	1.5	1	7
Overall life quality	15.5	1.5	1	7



[illegible]

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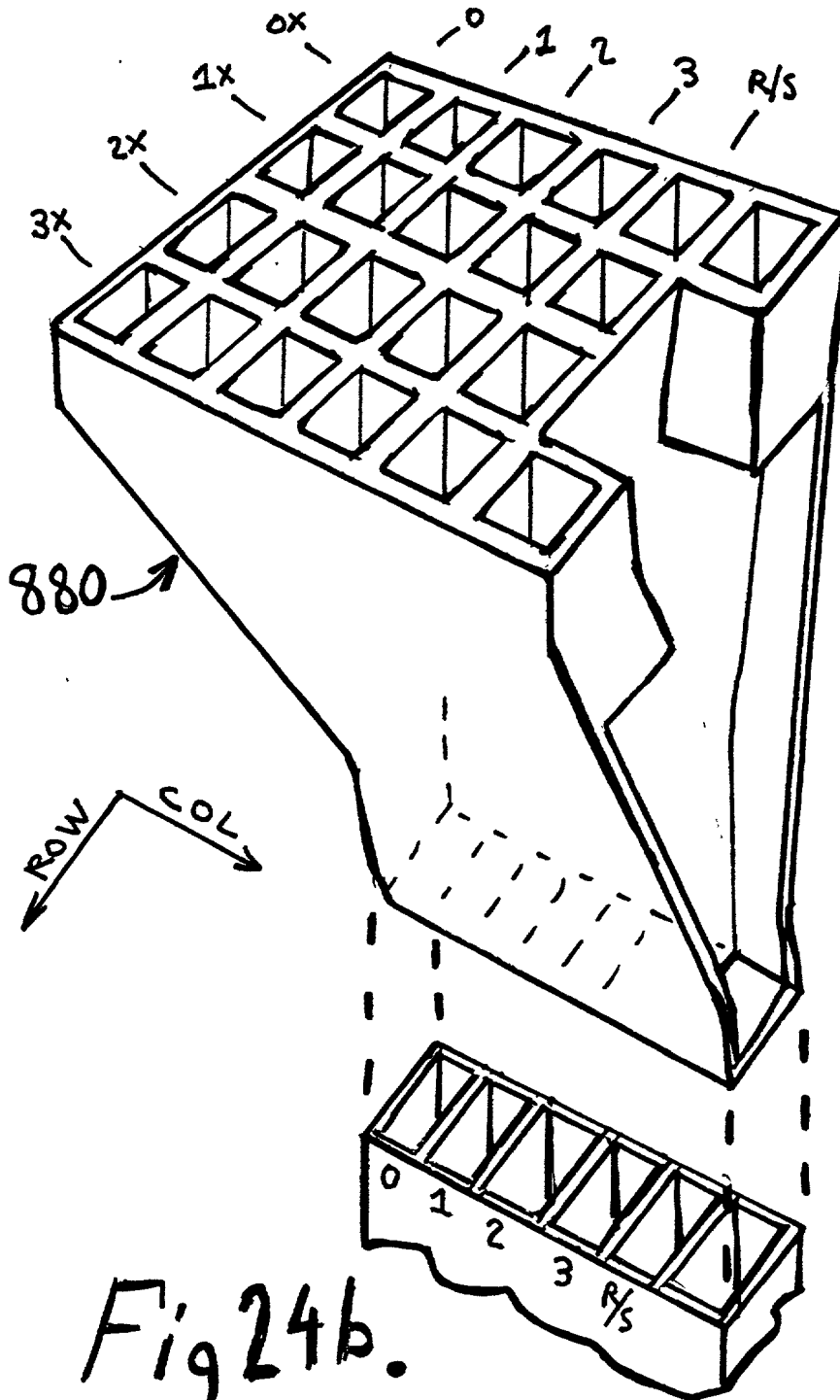
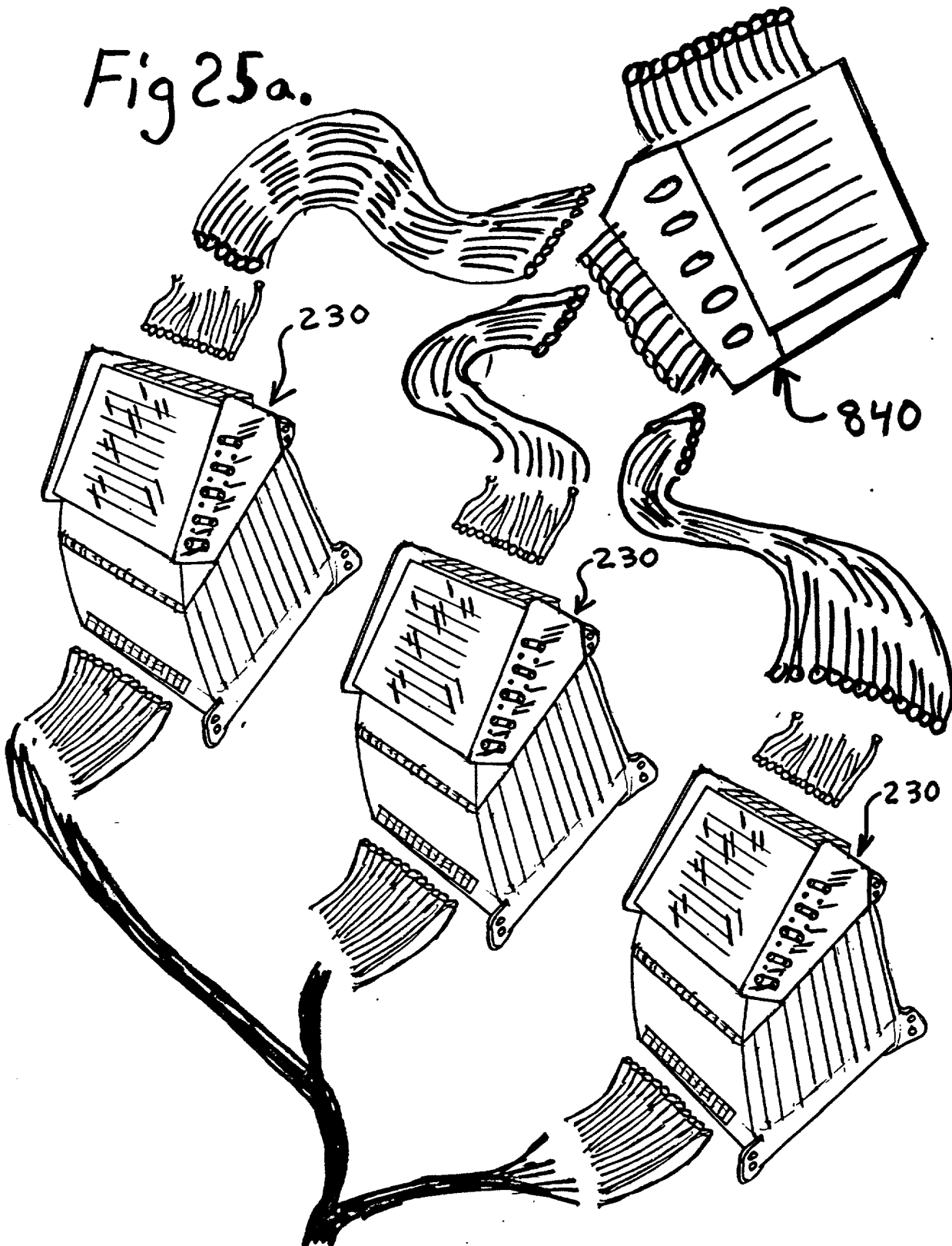


Fig 24b.

Fig 25a.



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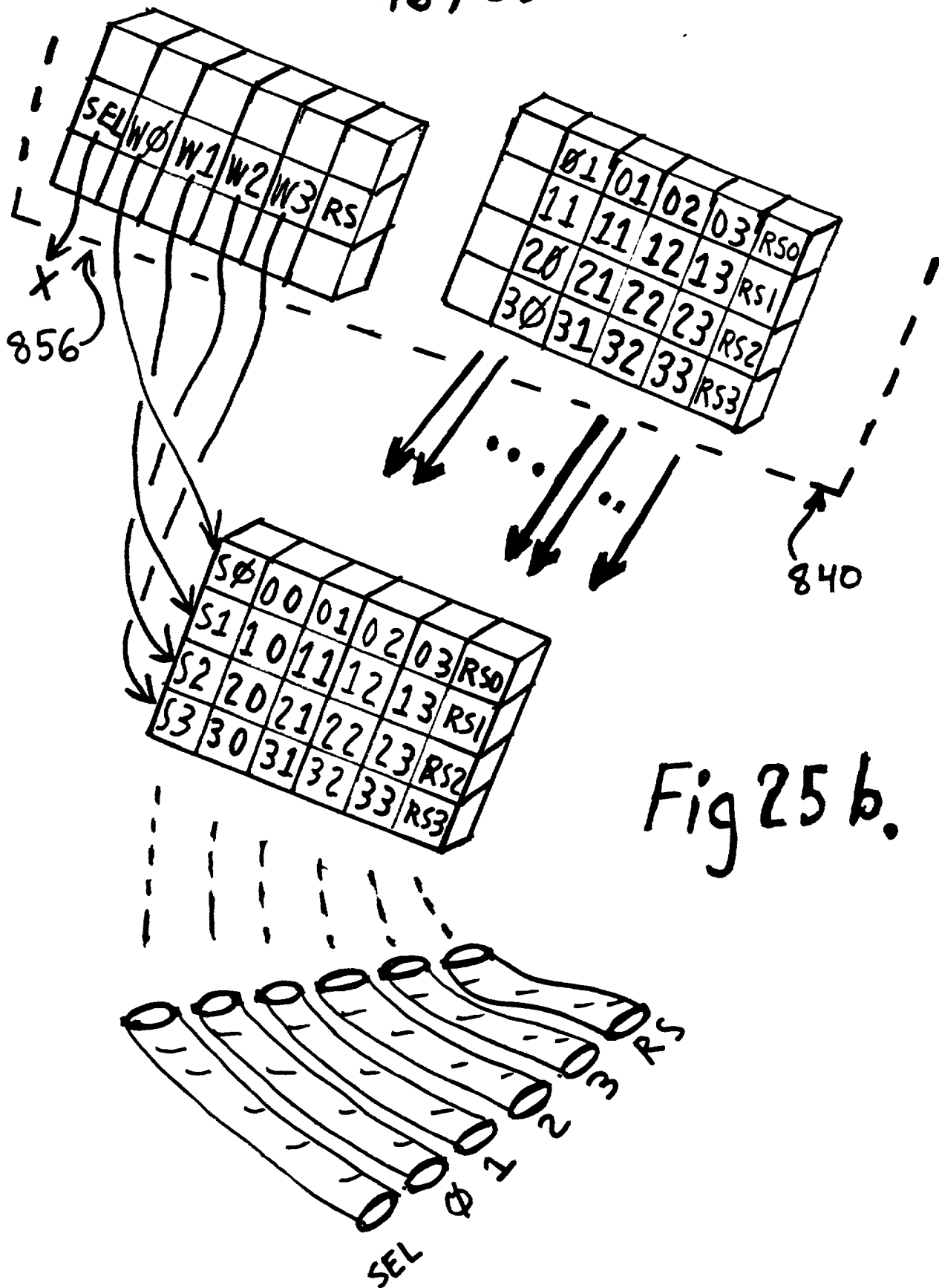
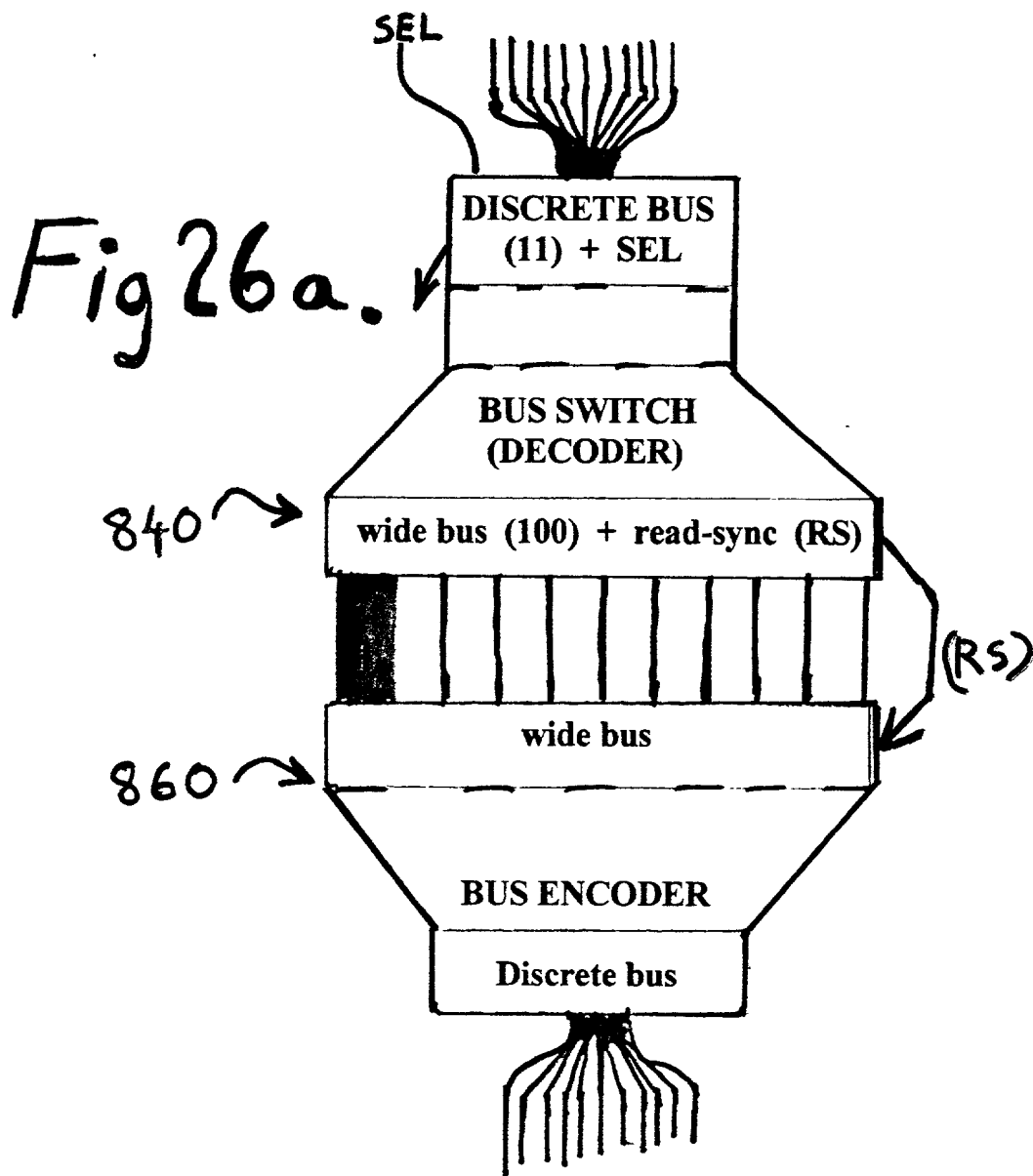


Fig 25 b.

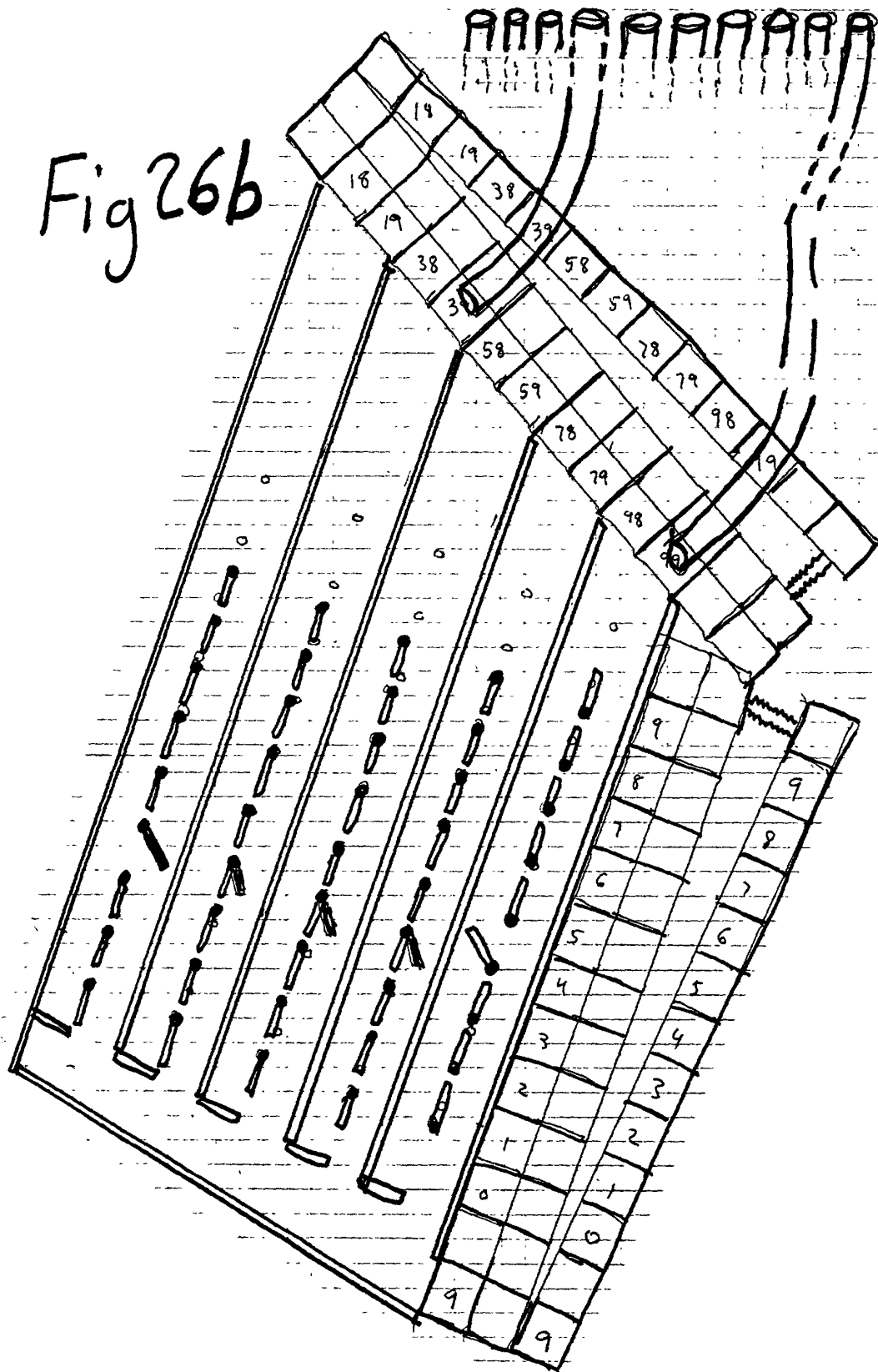
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Fig 26b



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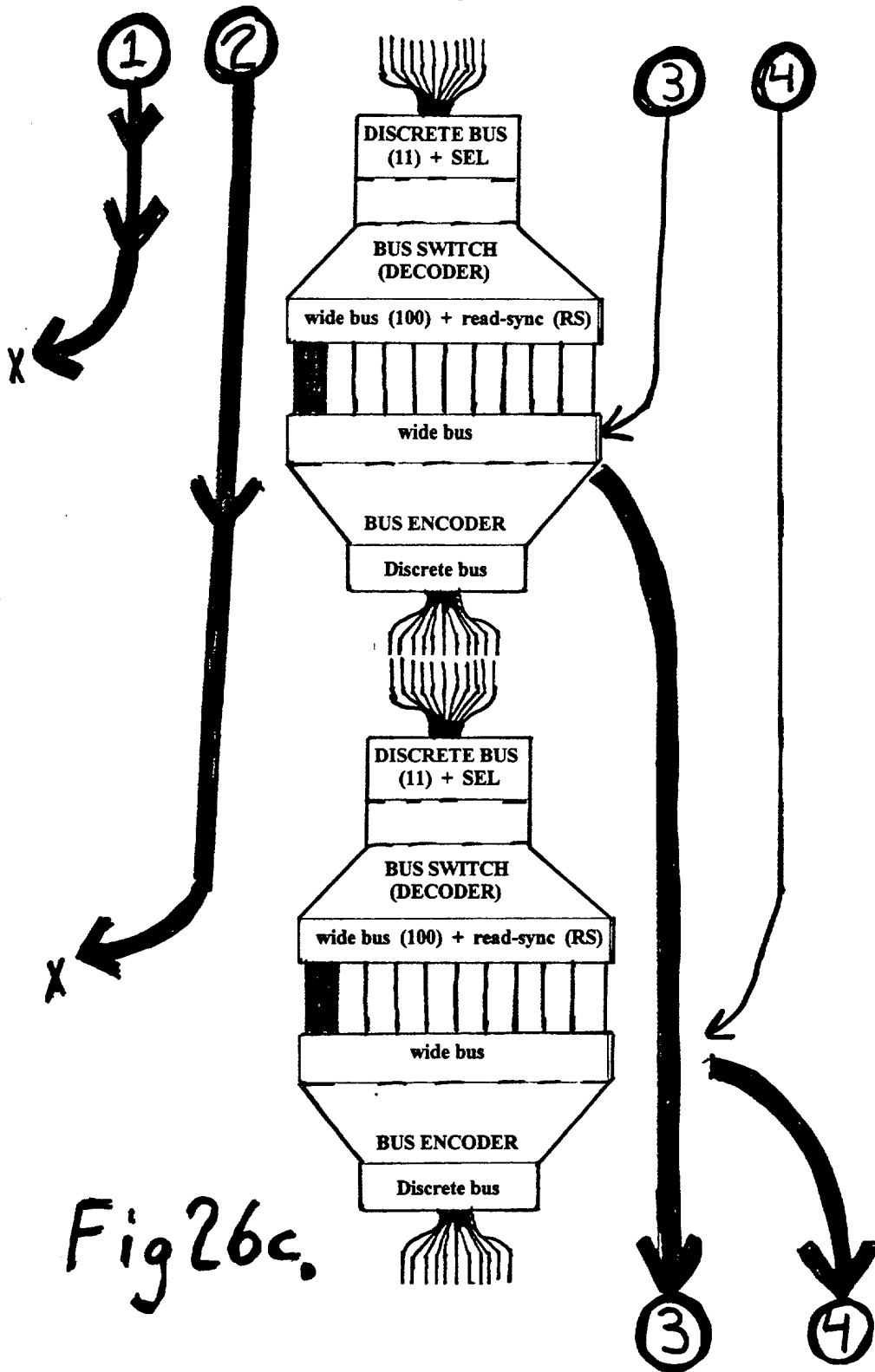


Fig 26c.

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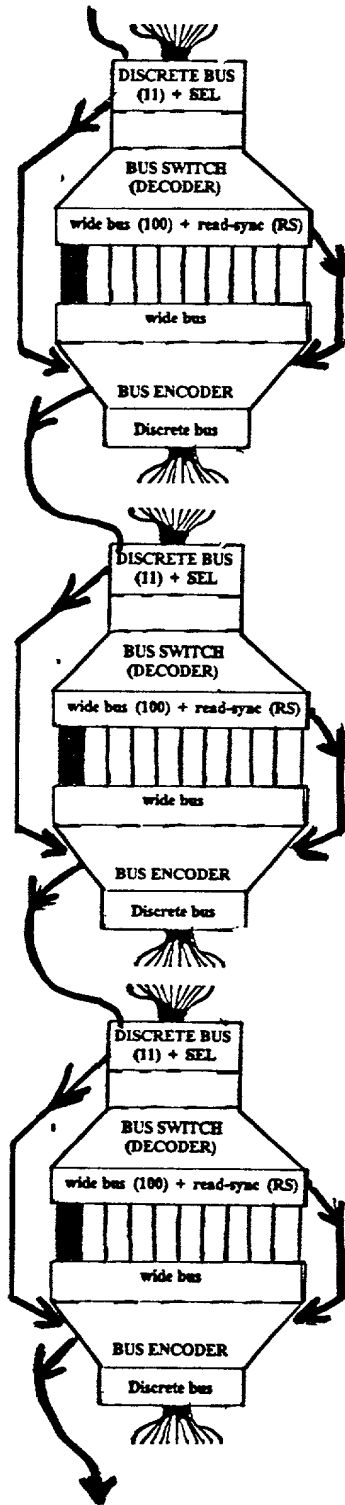
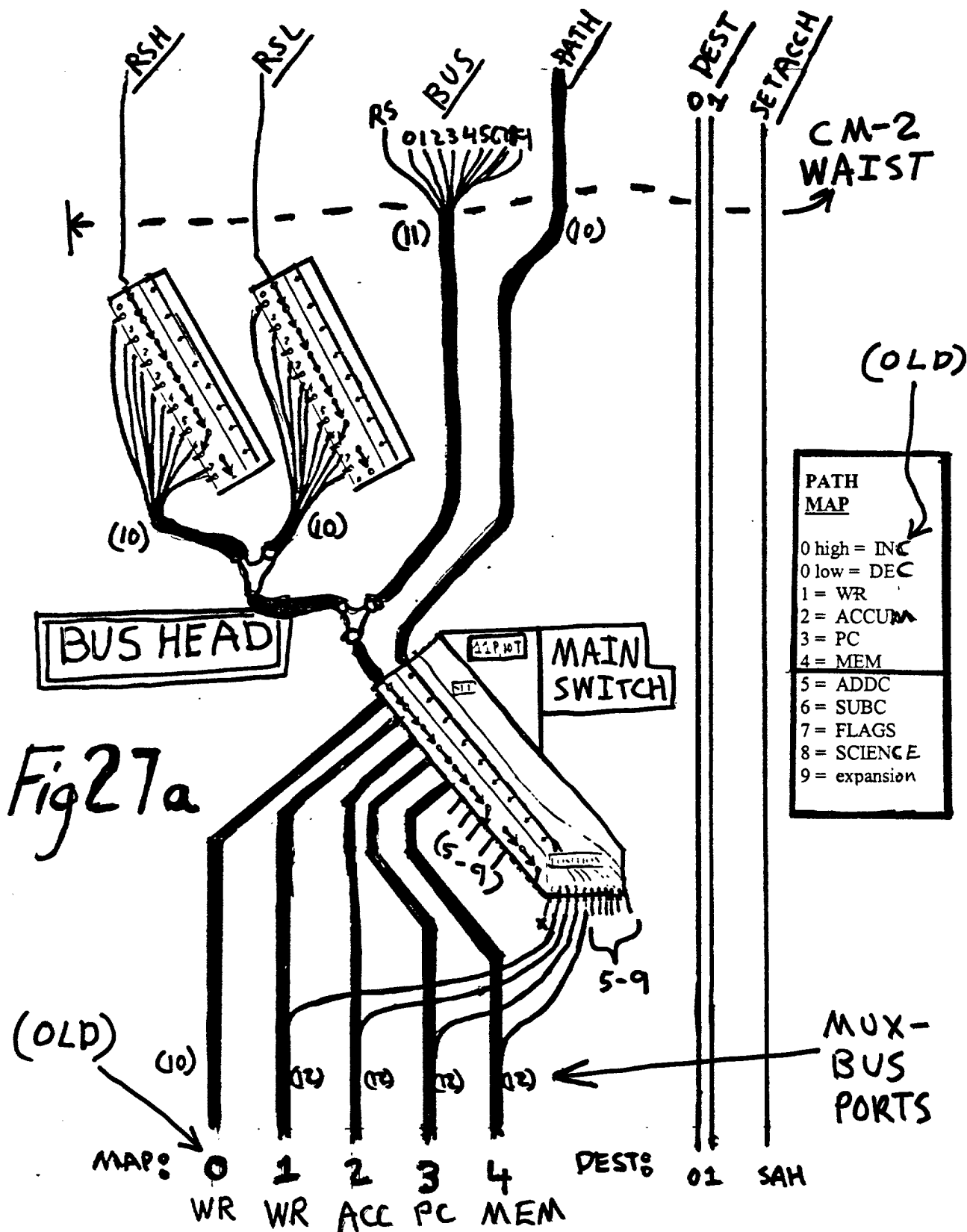
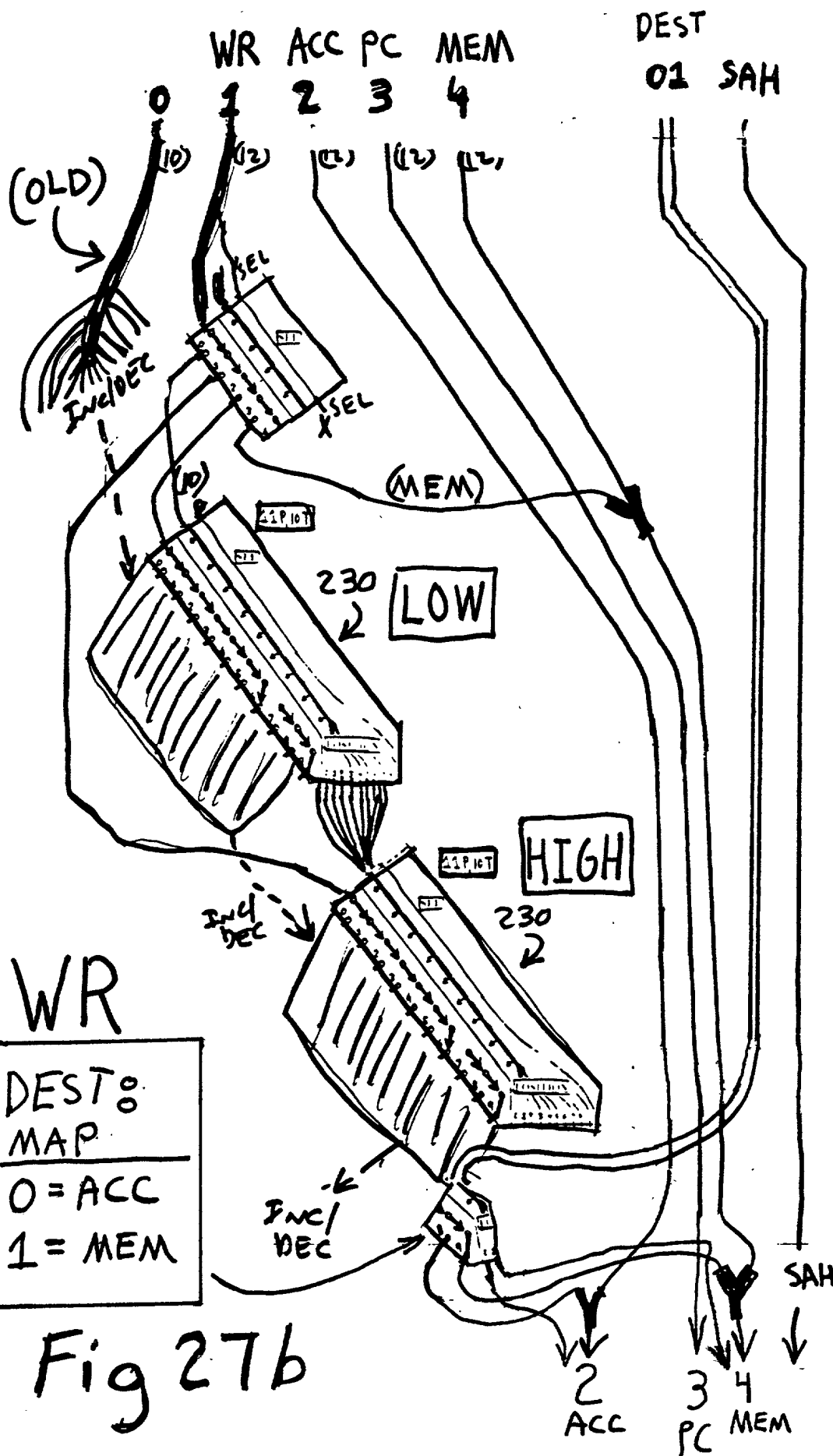


Fig 26d.

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MAP Acc PC Mem
2 3 4 SAH

PC
Semaphore
SENDERS

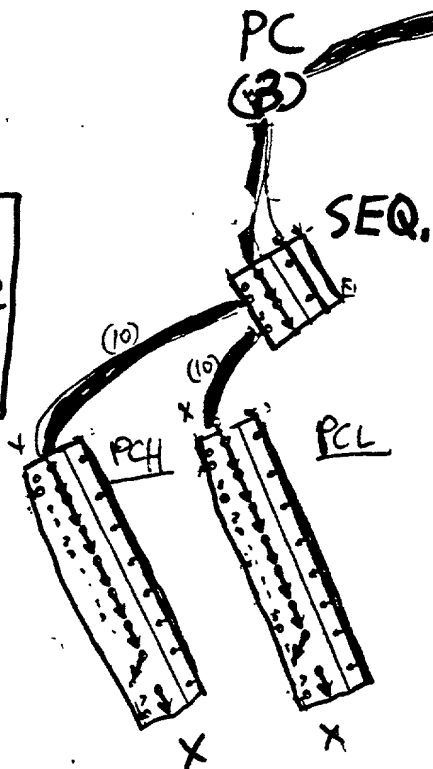
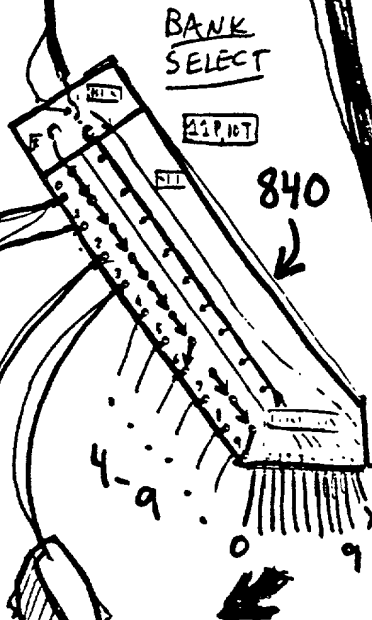


Fig 27c

DIGIT
MODULES



Digit
Ram
(40)

230

BUS
COMBINERS

(MUX-
BUS)

ACC SAH

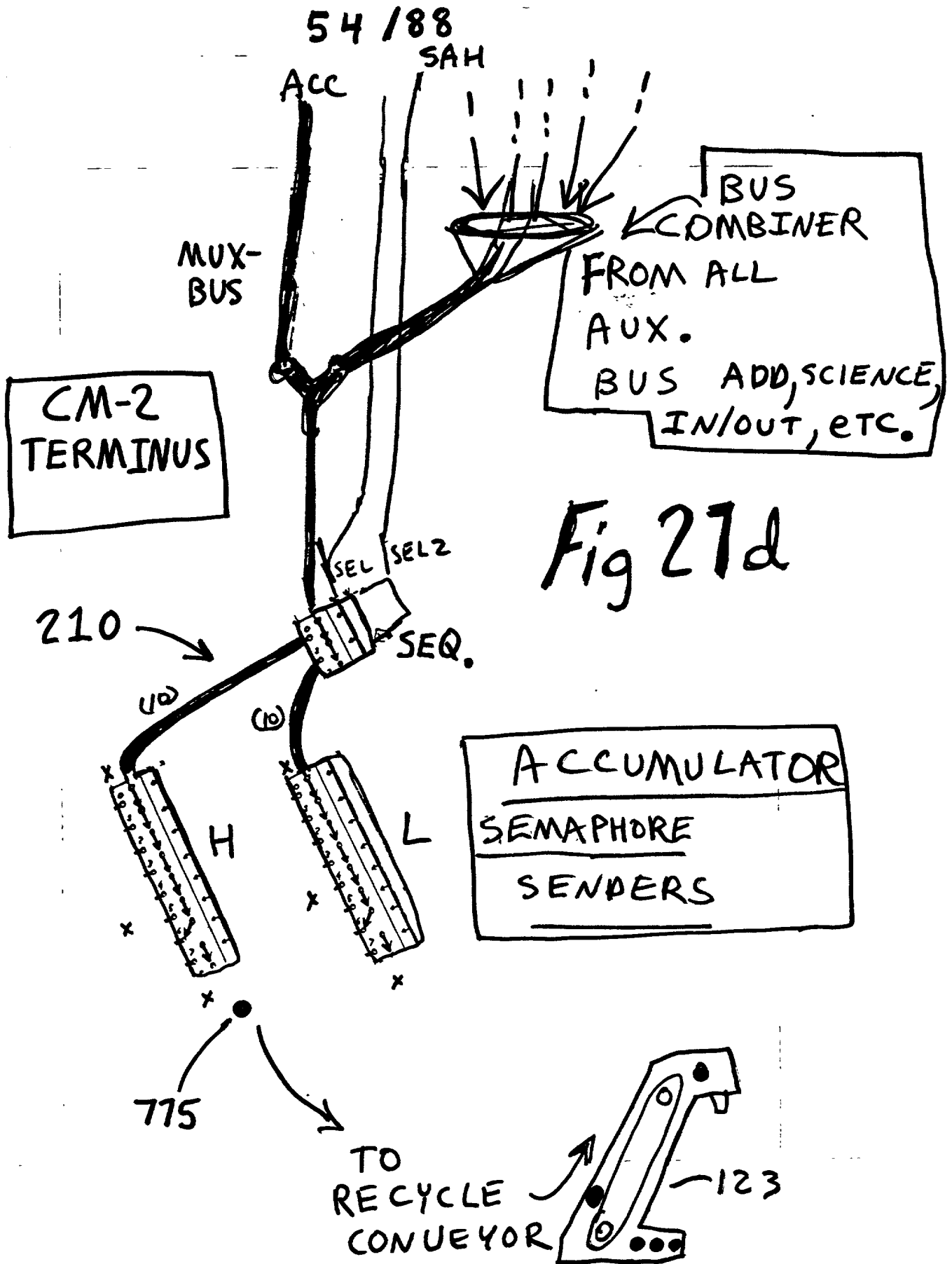
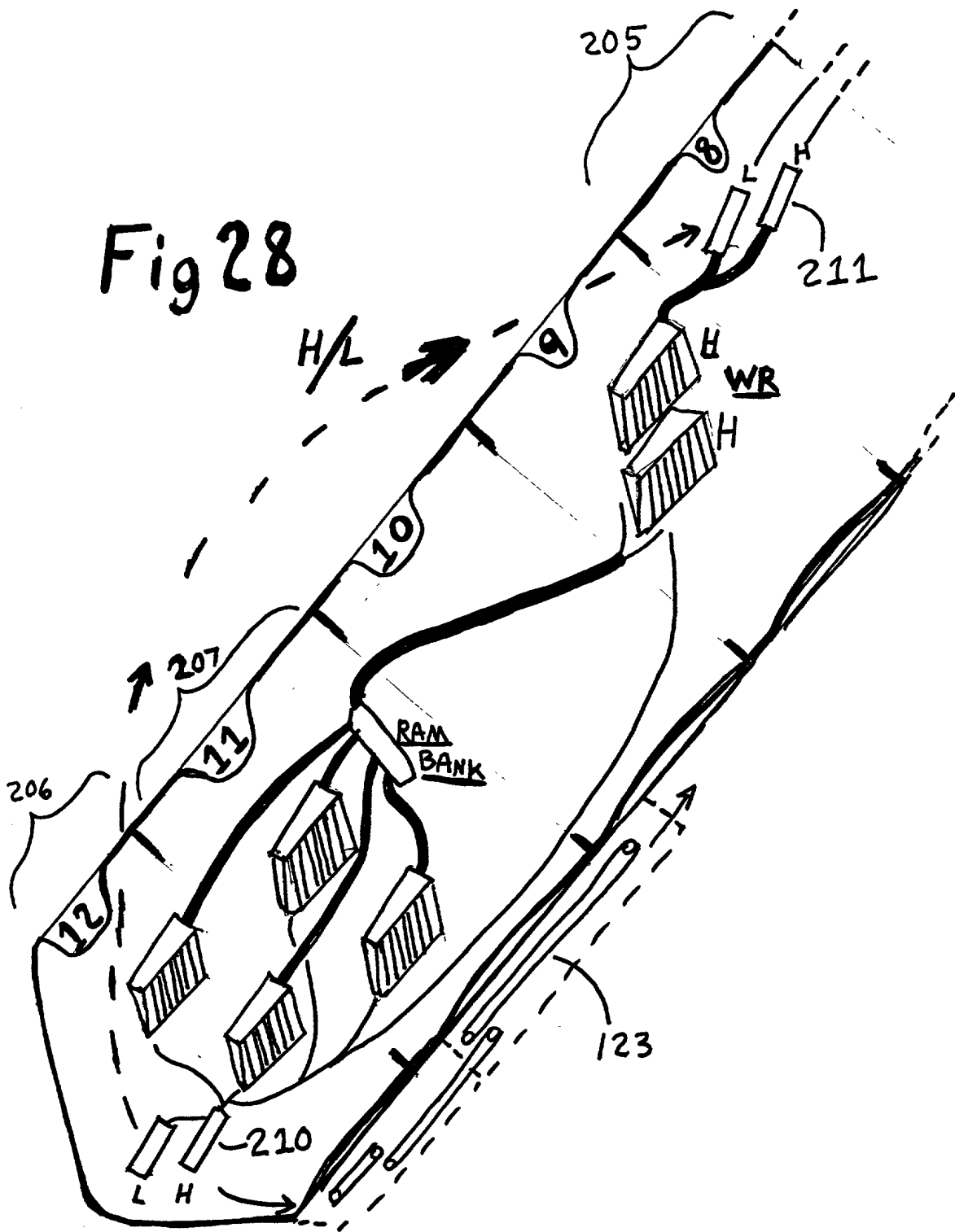


Fig 28



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INC

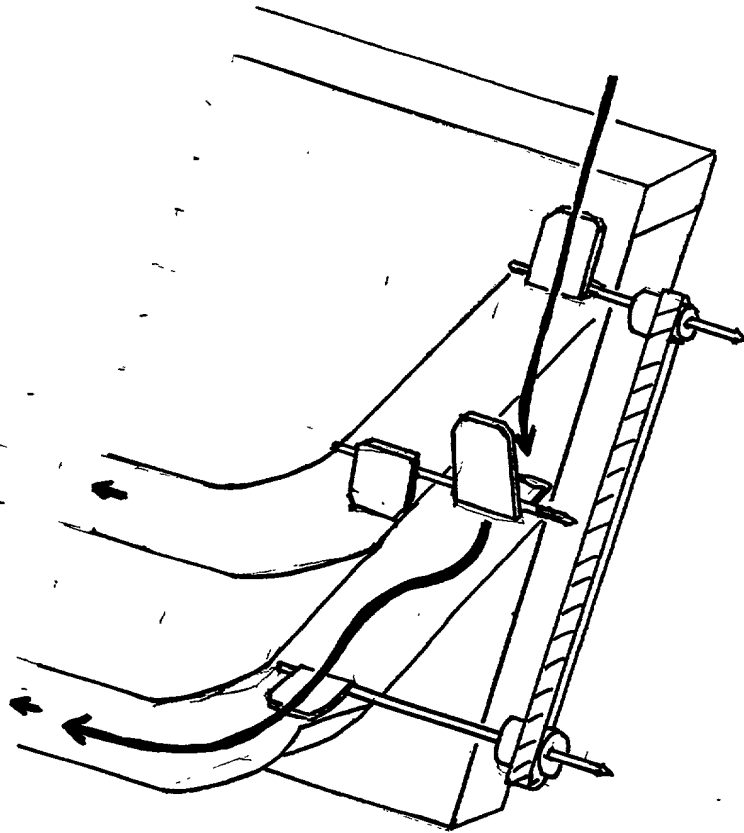


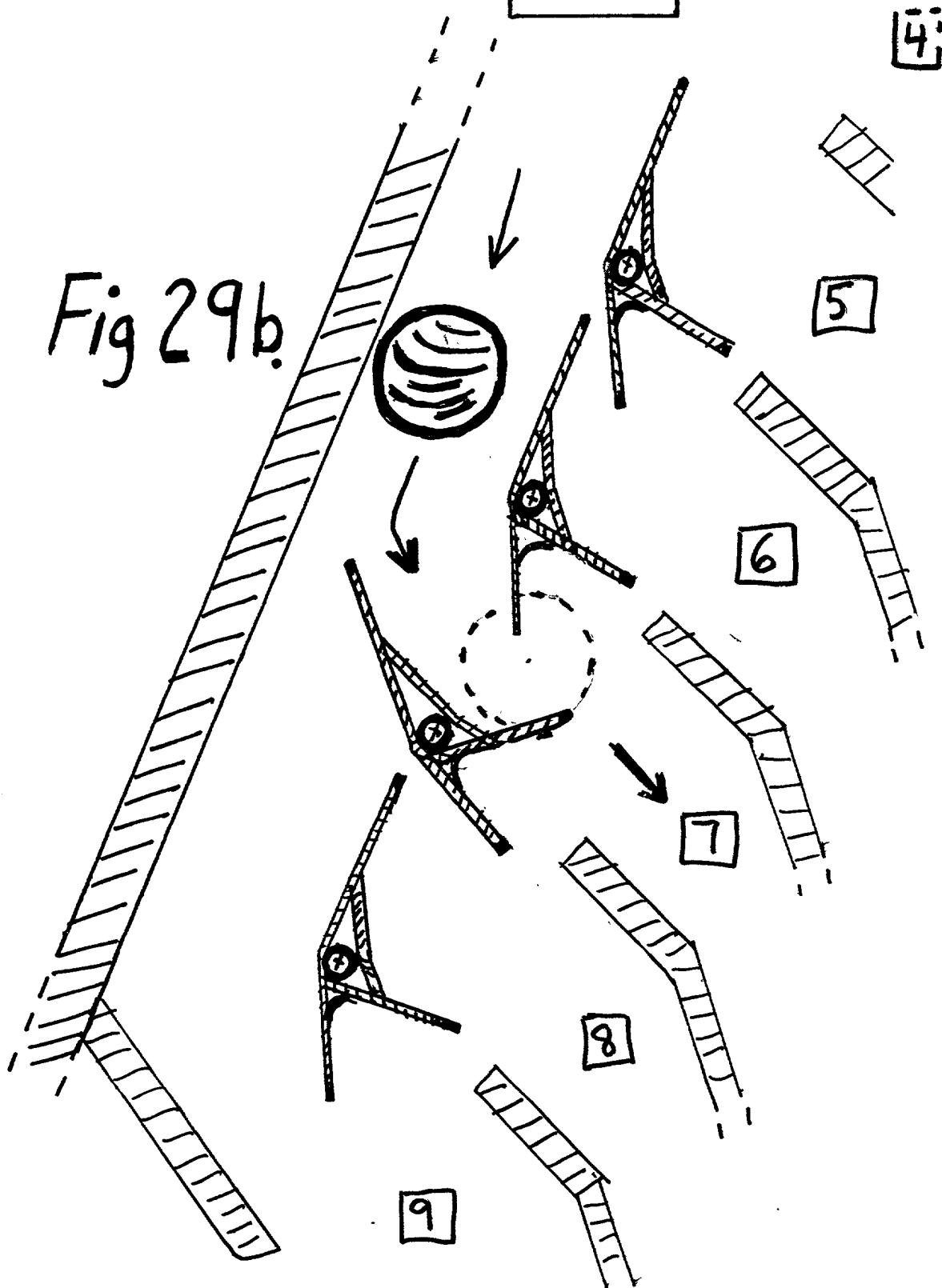
Fig. 29a

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DEC

Fig 29b.



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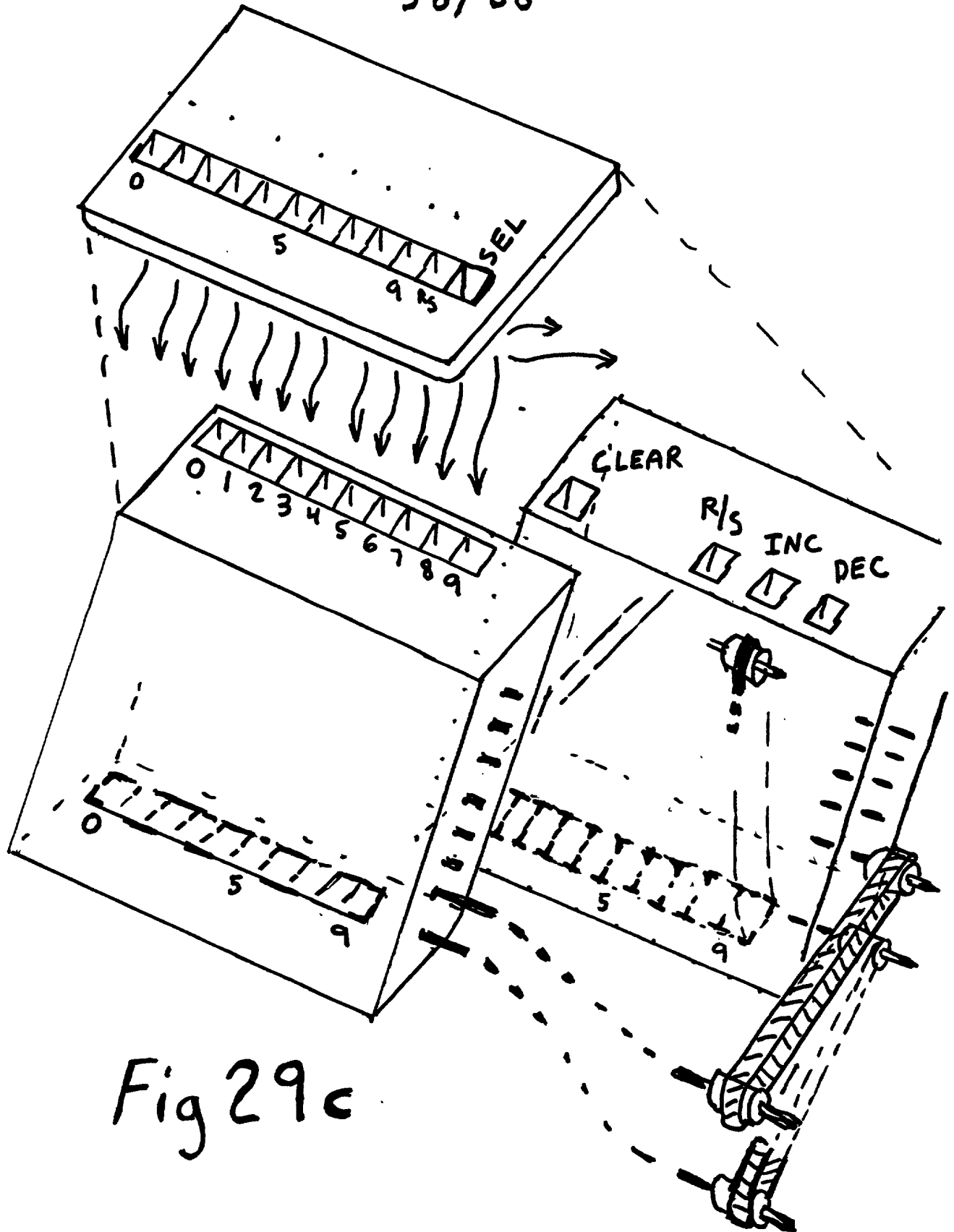


Fig 29c

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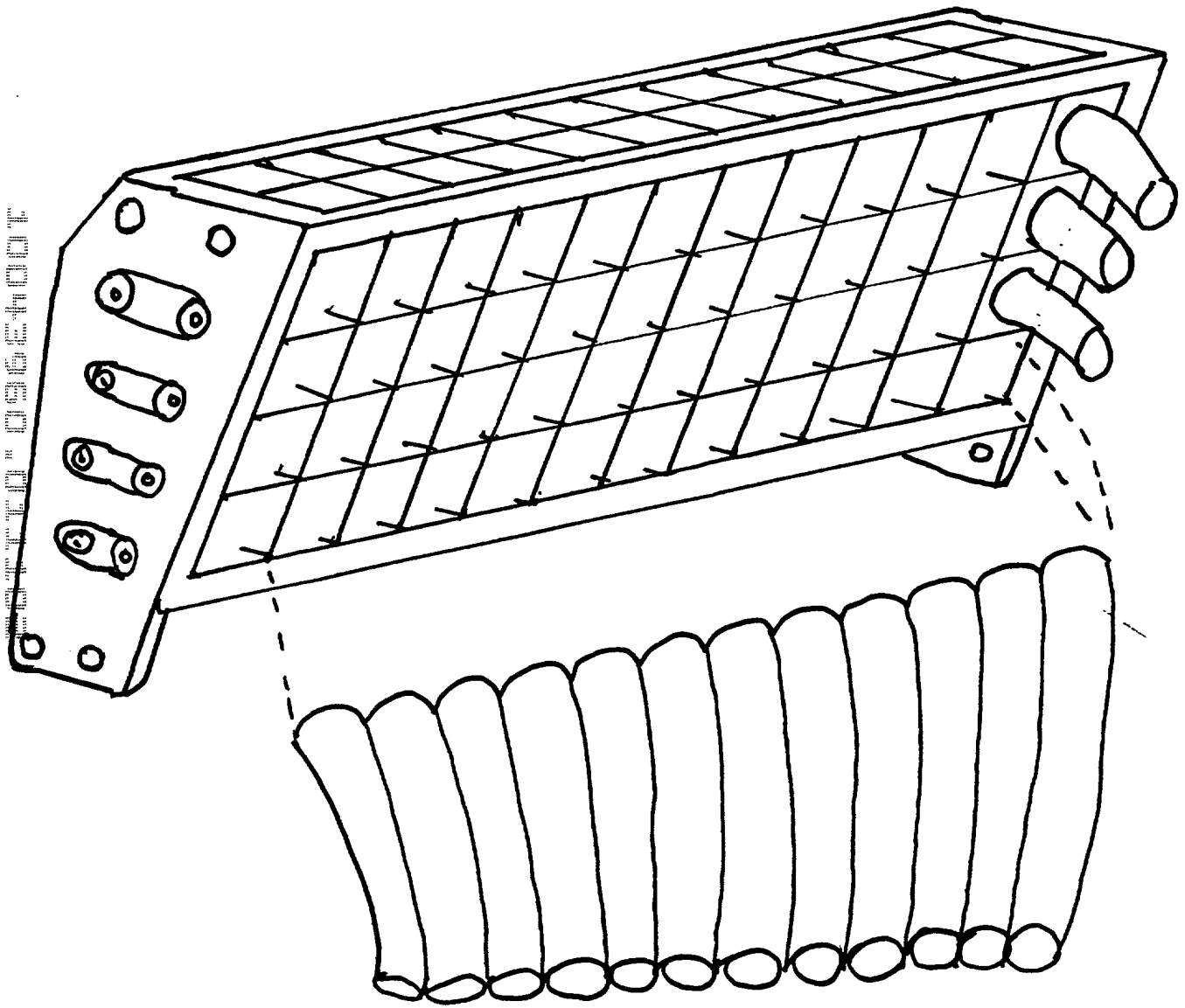


Fig 29d

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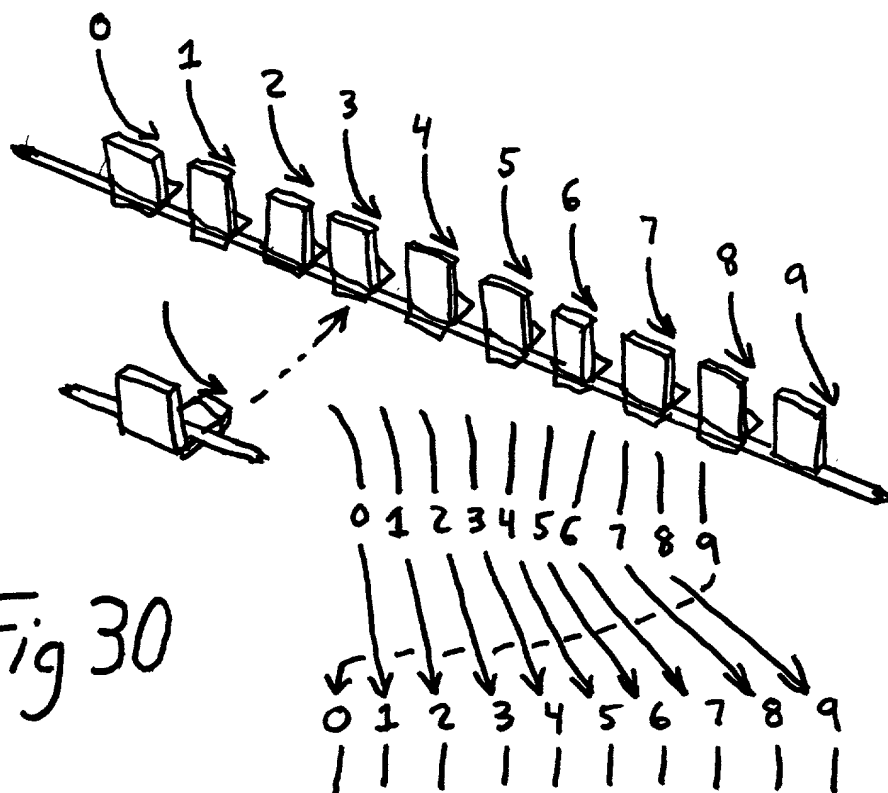
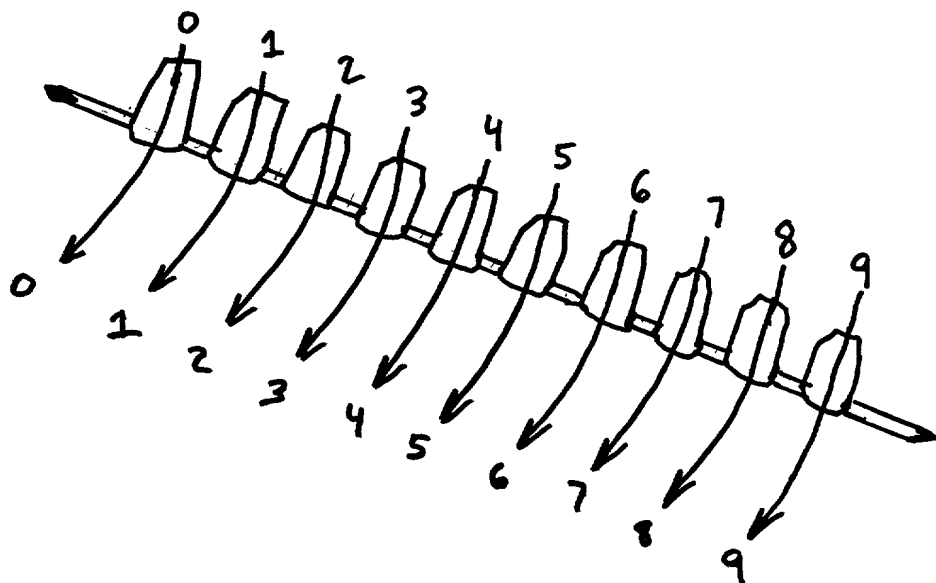
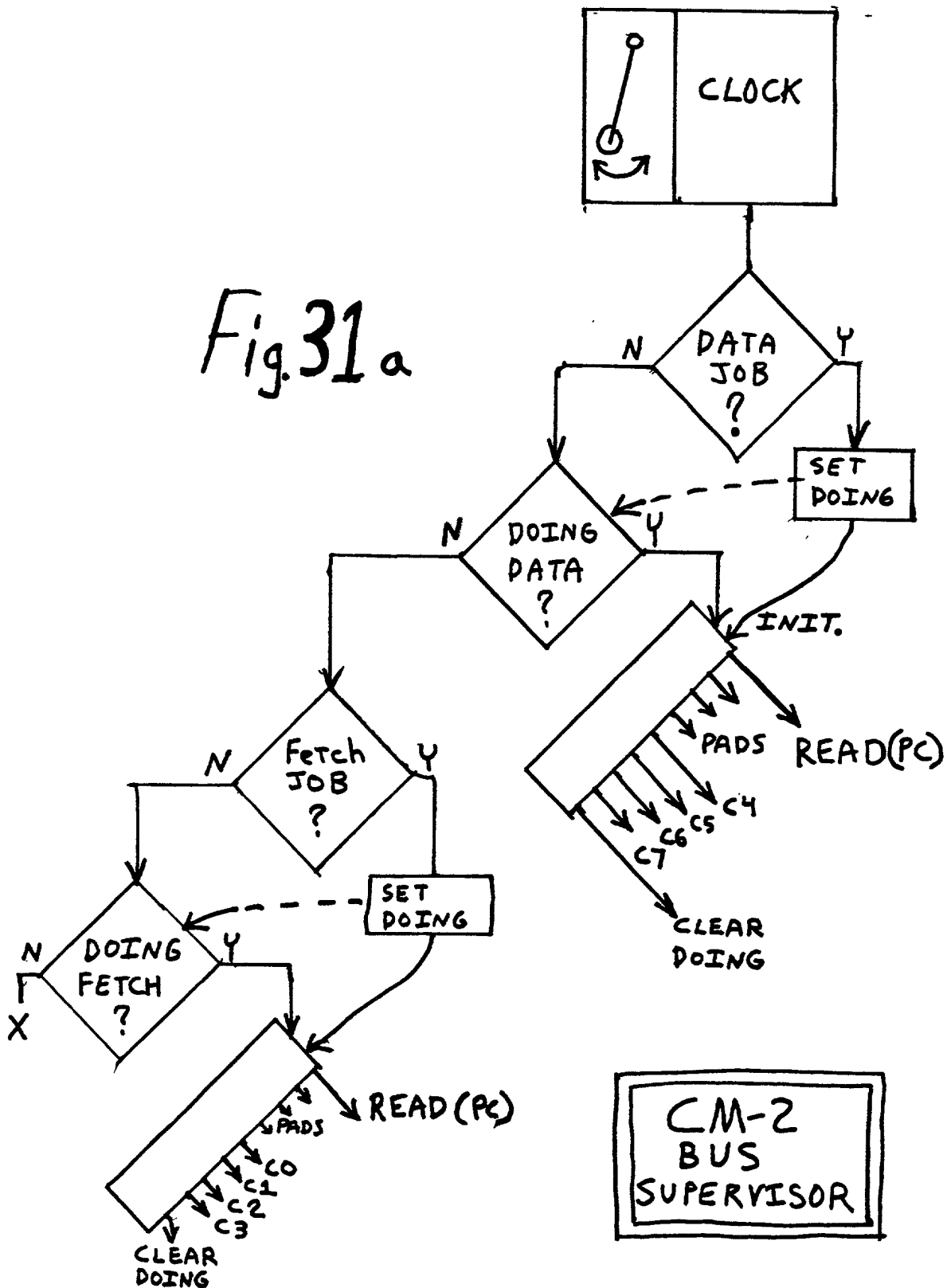


Fig 30

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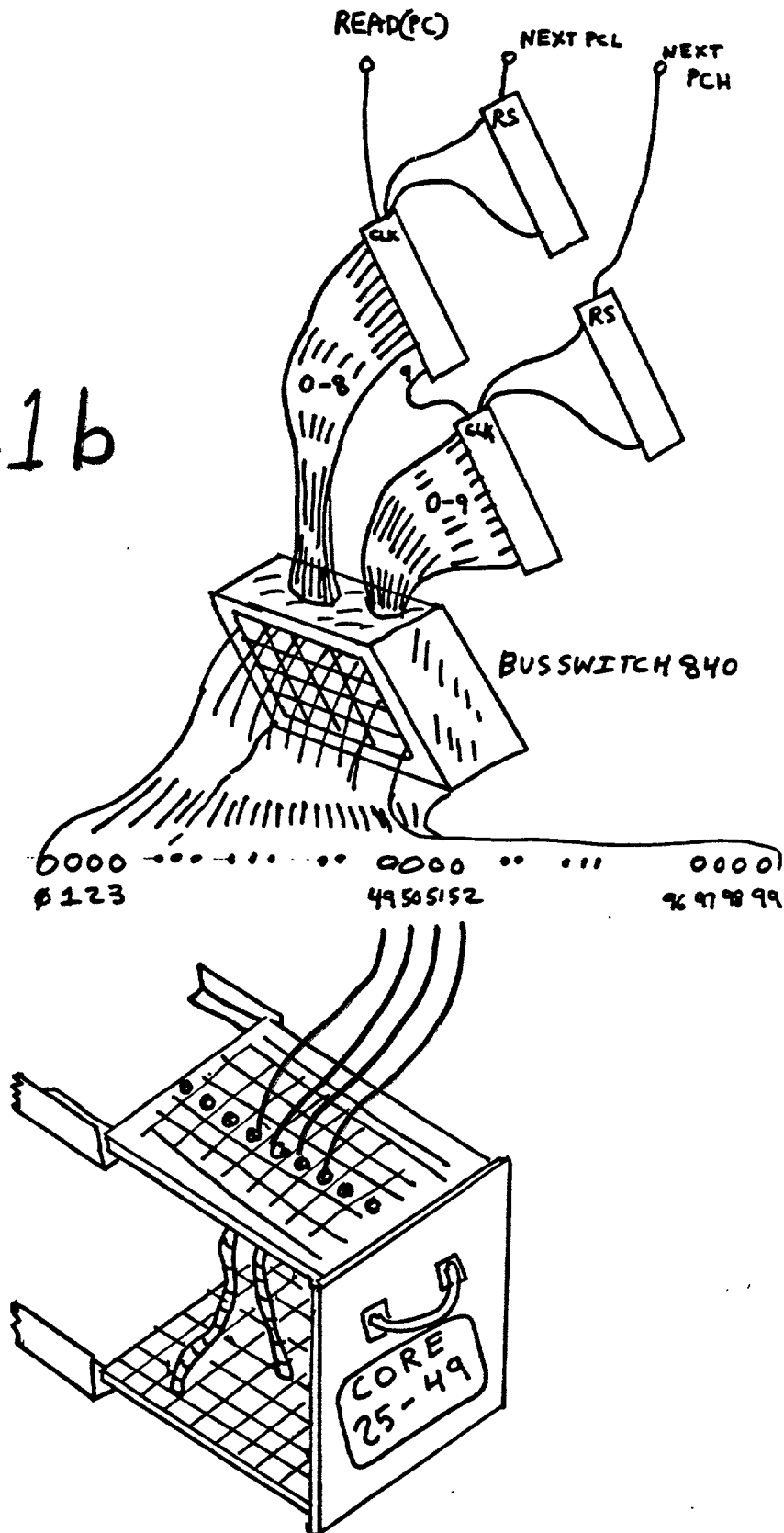
Fig. 31a



20110101 09564007

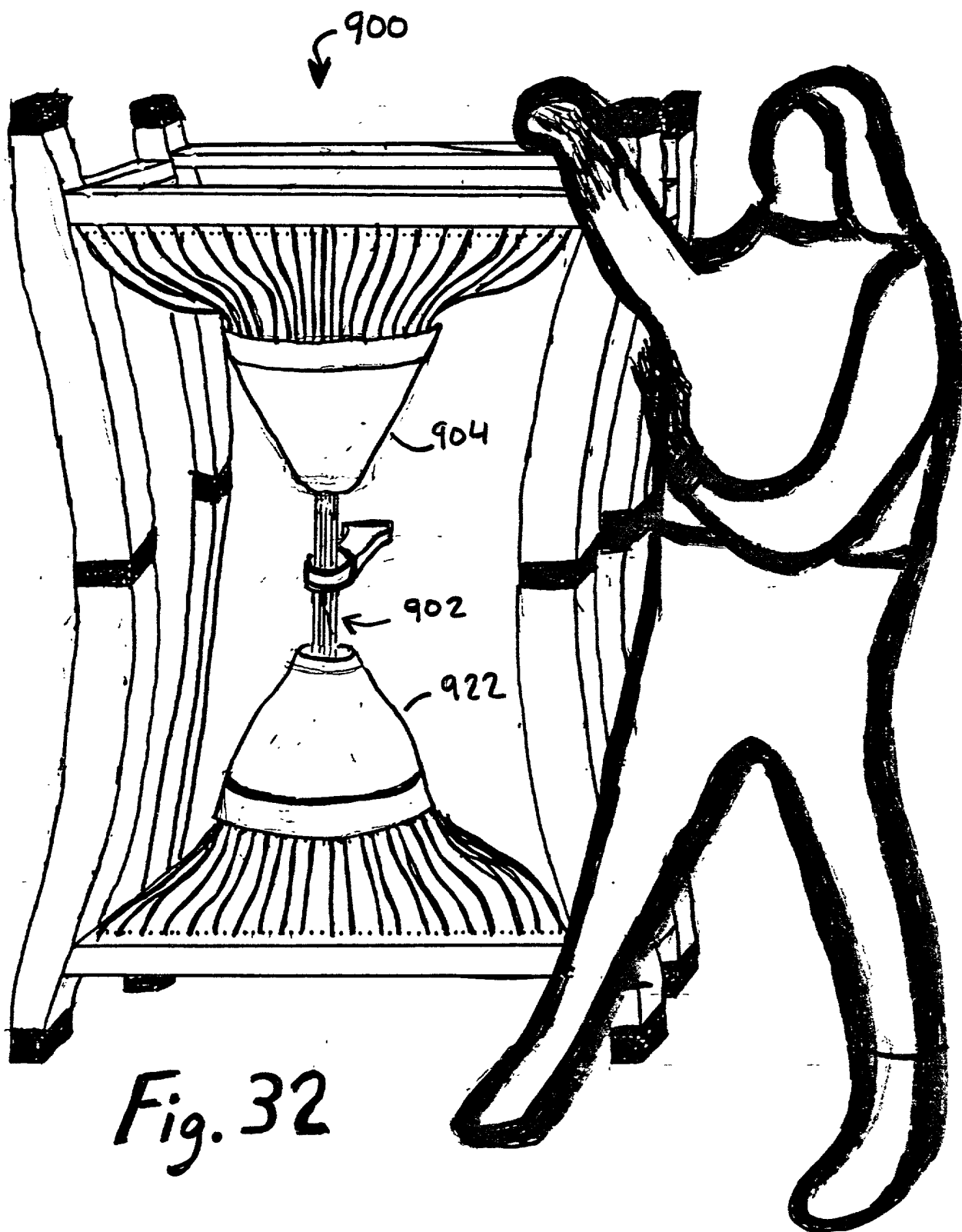
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Fig 31b



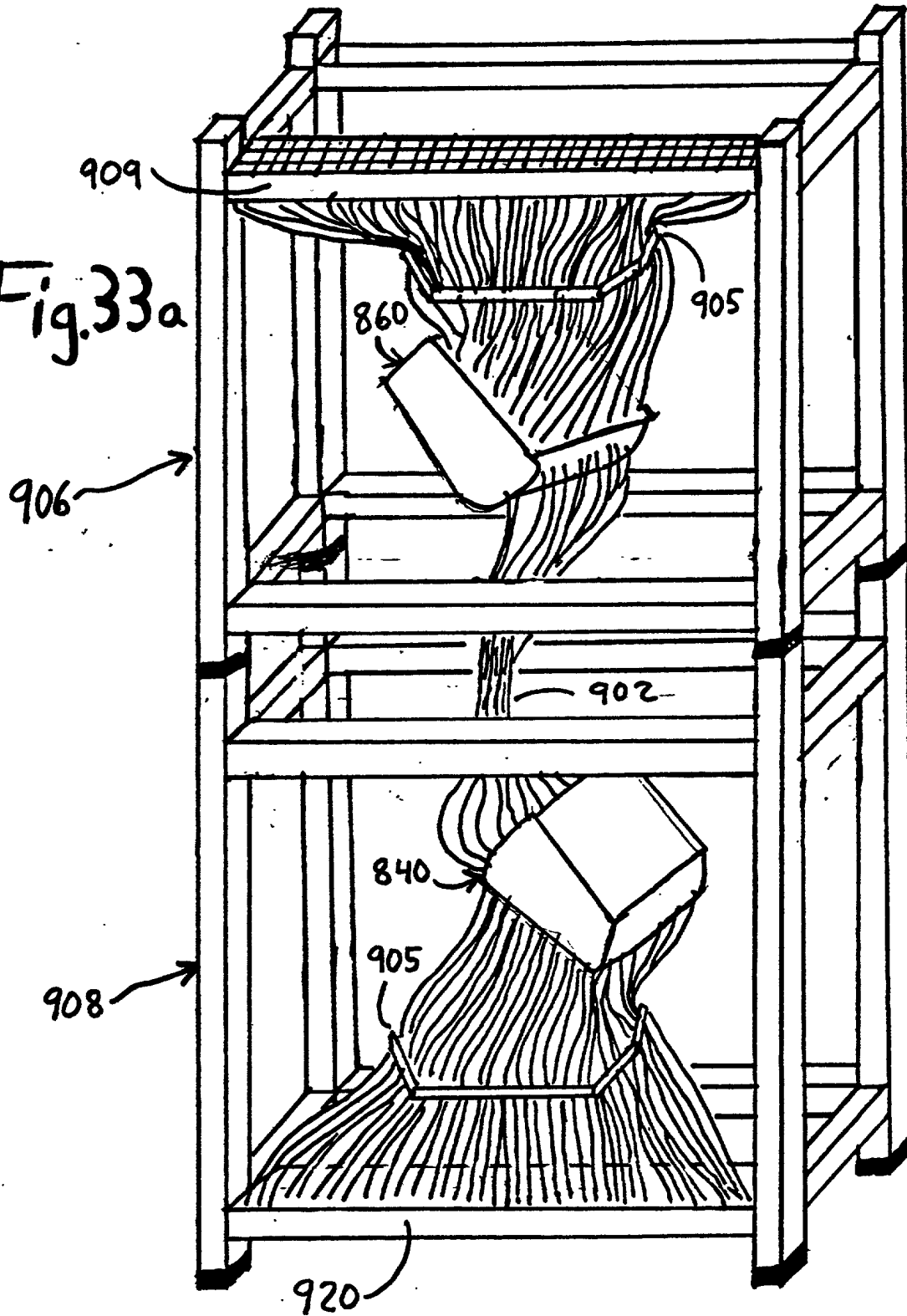
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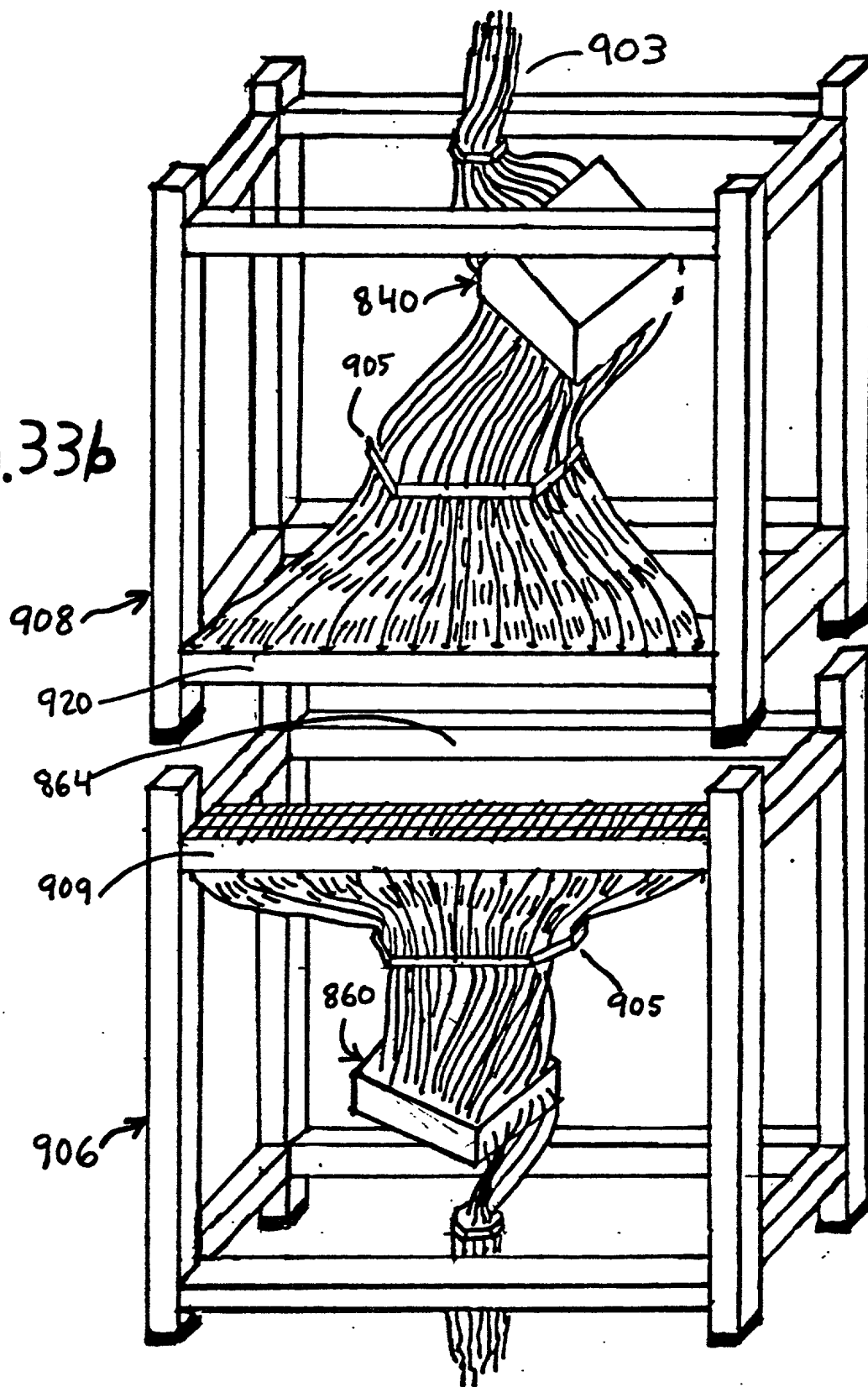
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Fig.33a



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Fig. 33b



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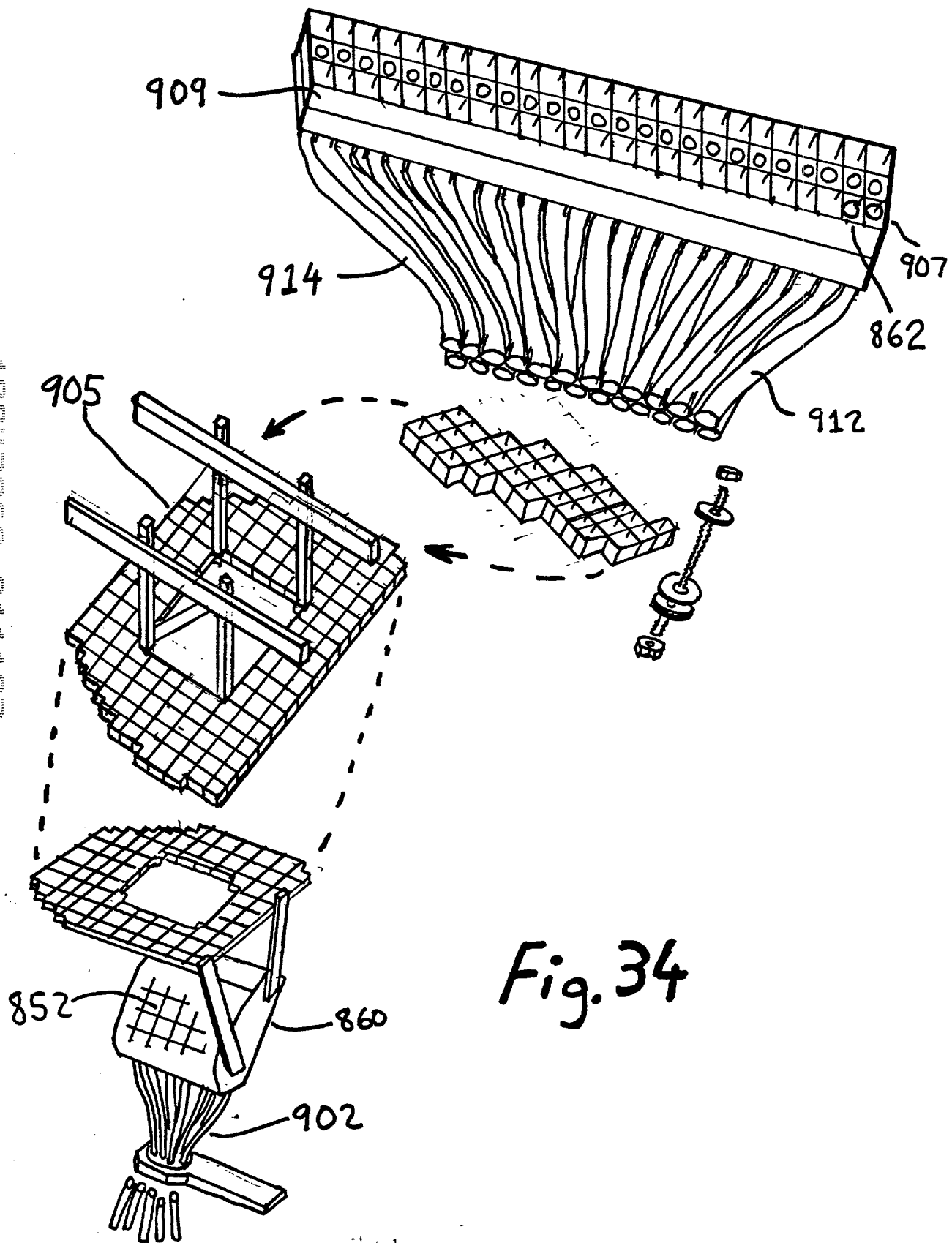


Fig. 34

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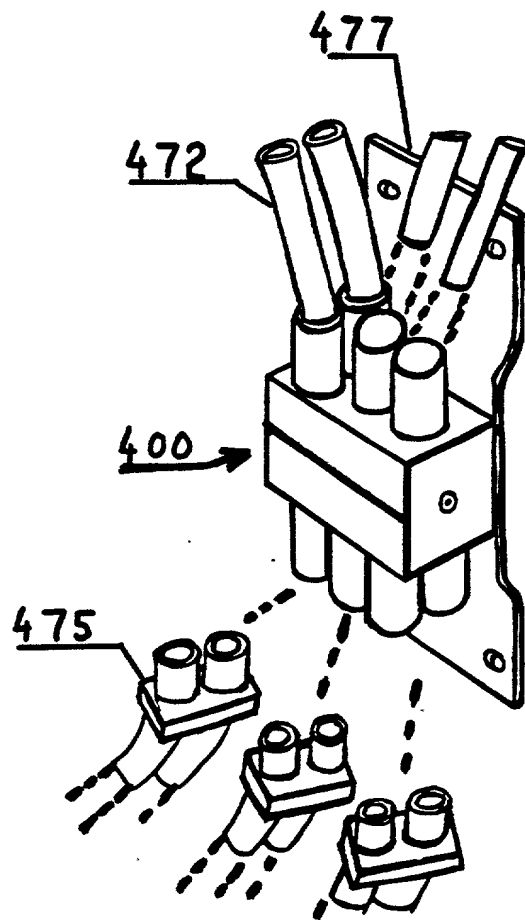


FIG. 35

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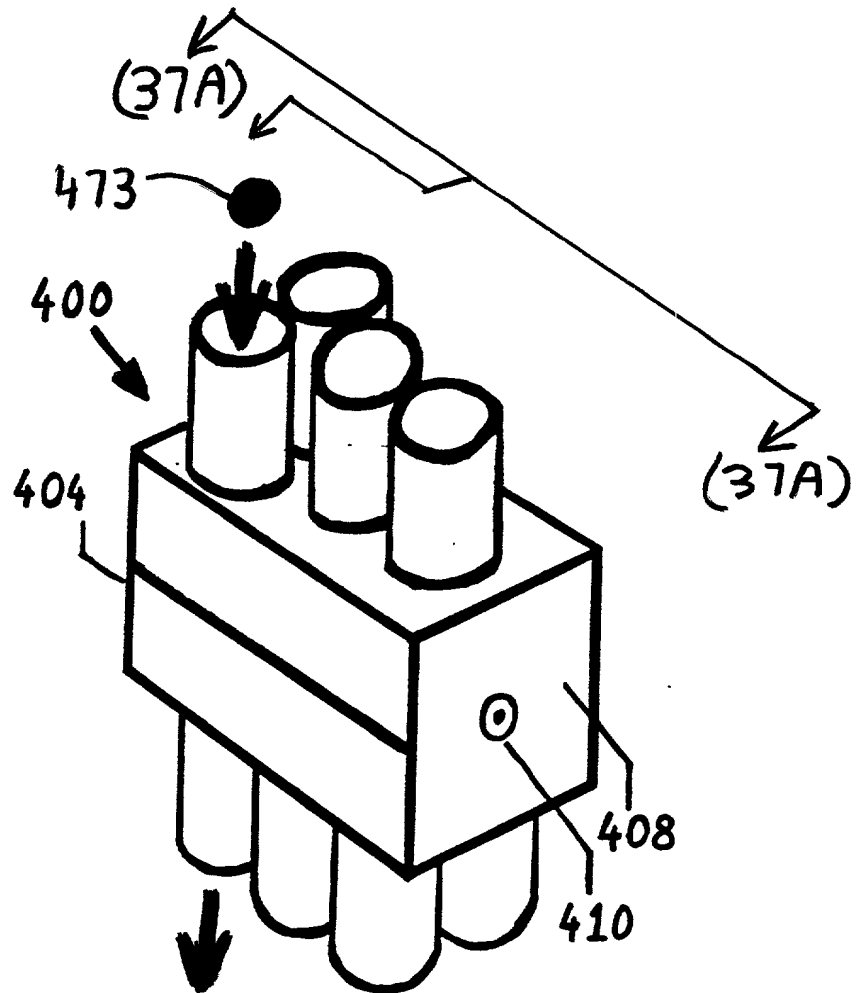


FIG. 36 a

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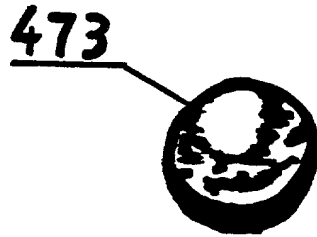
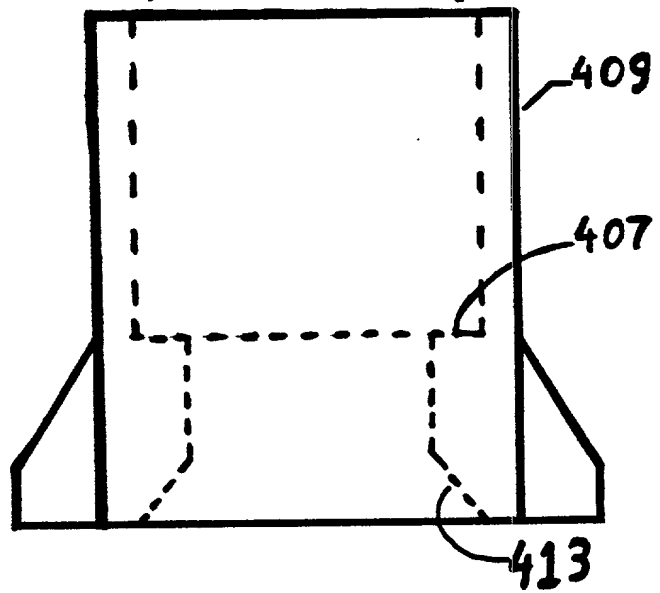


FIG. 36b



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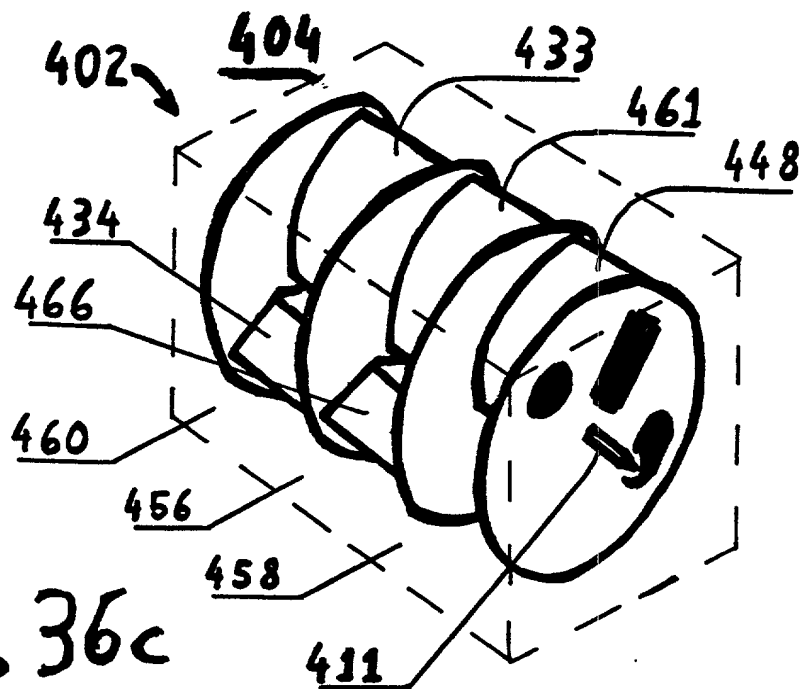


FIG. 36c

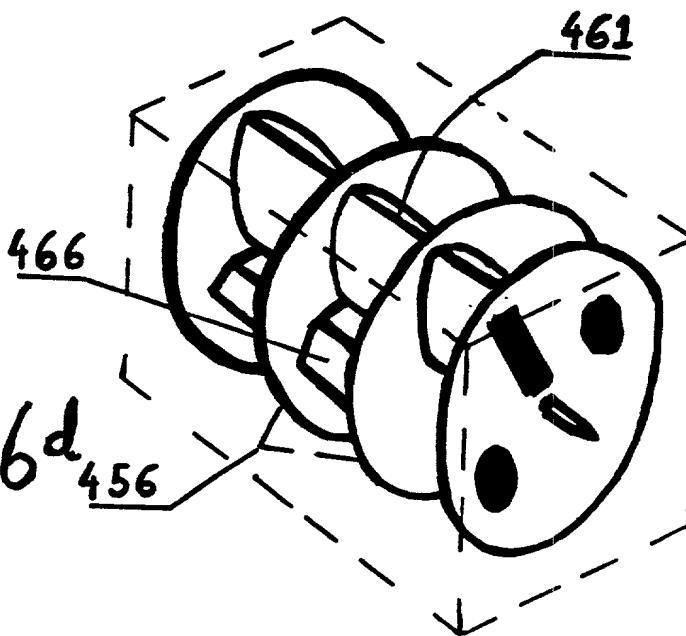


FIG. 36d

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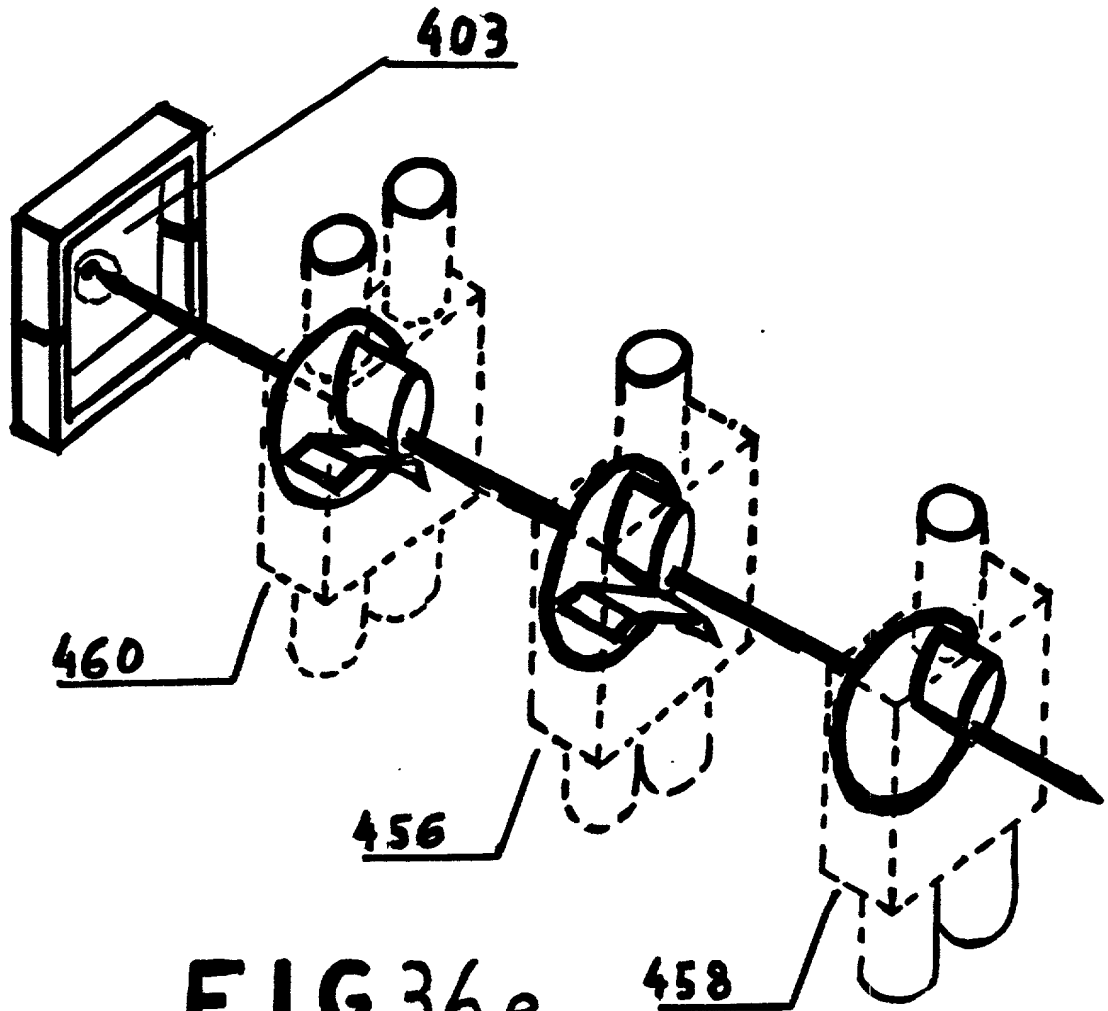


FIG 36e

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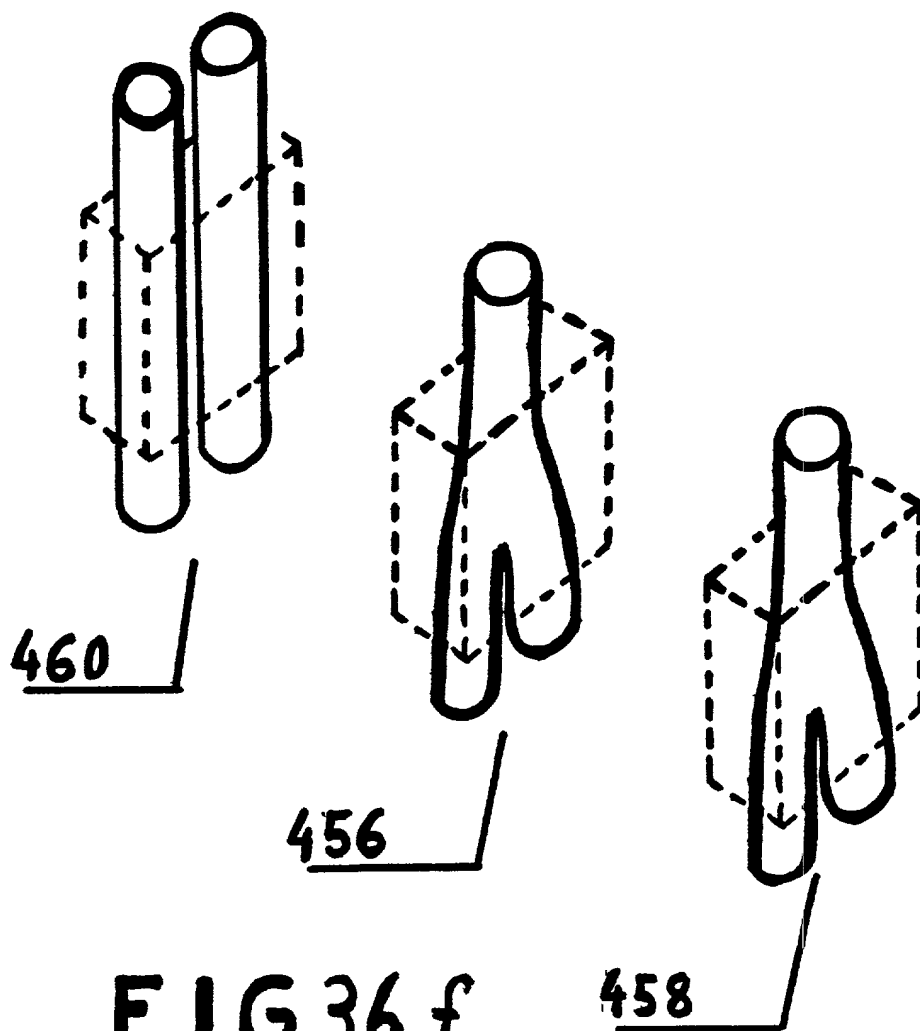


FIG 36 f

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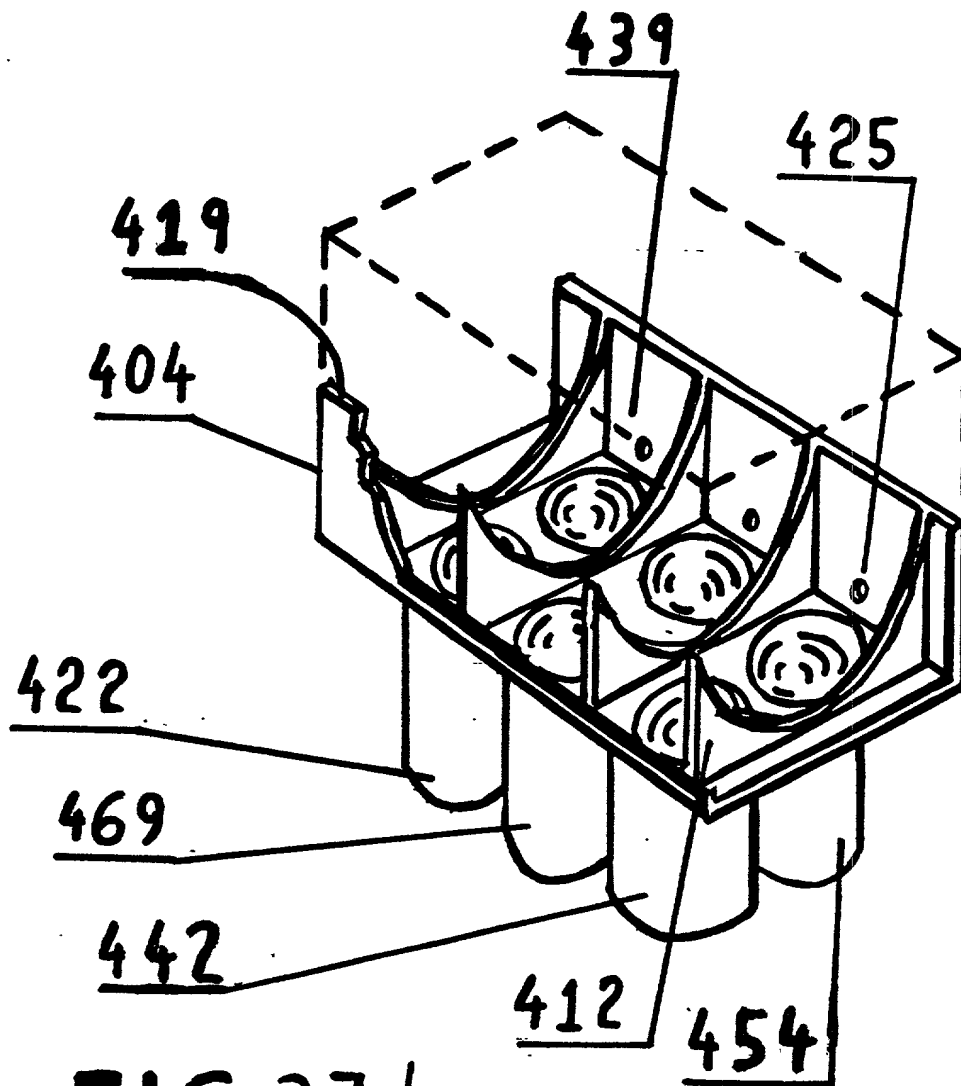
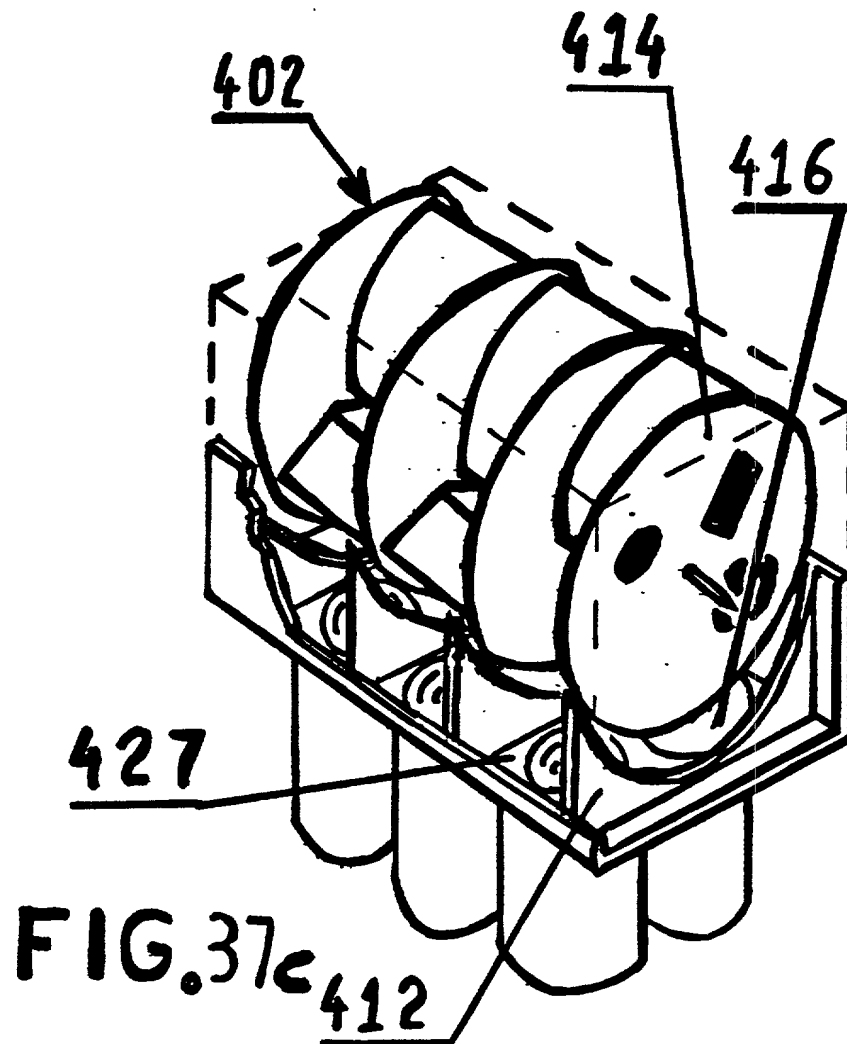


FIG. 37b

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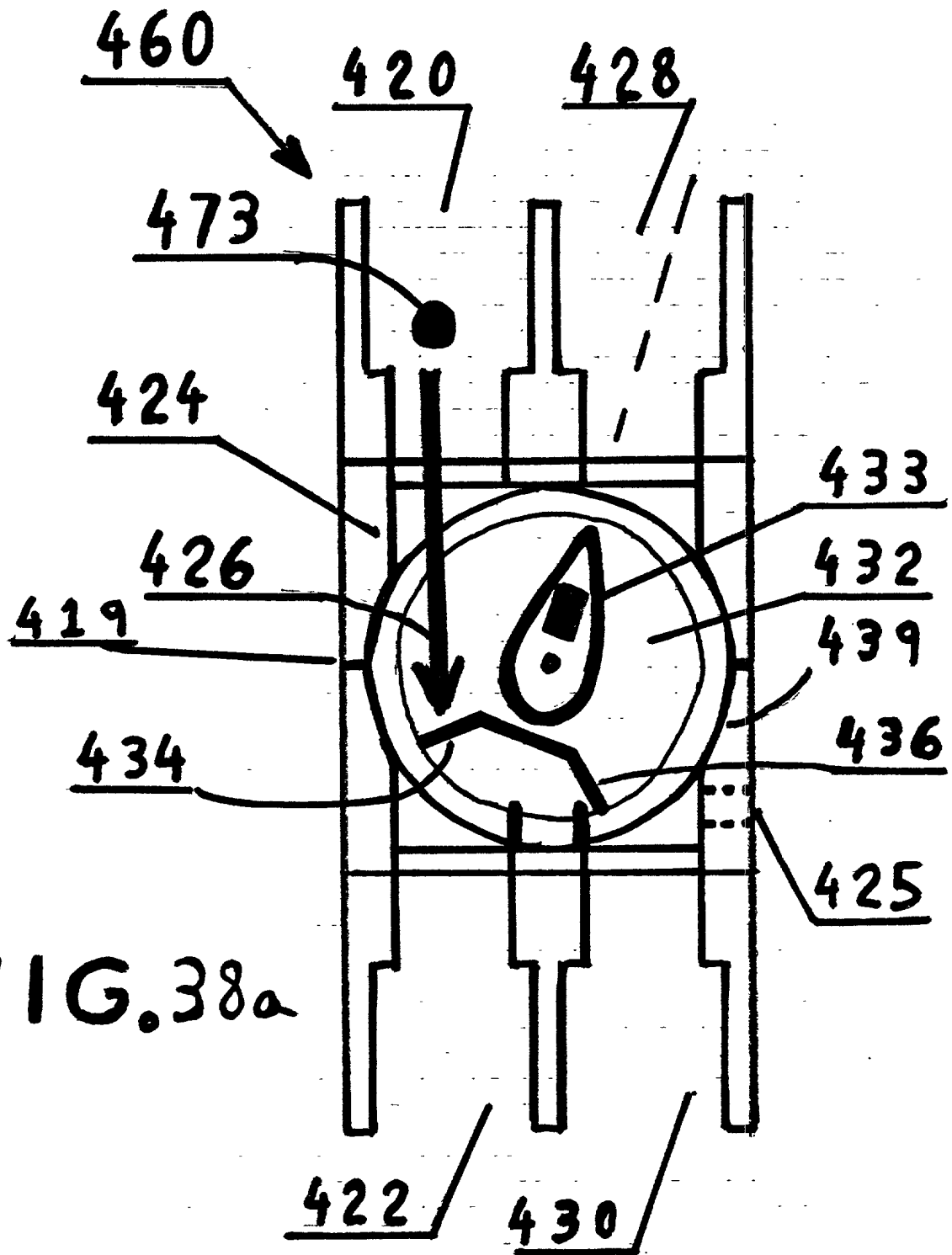
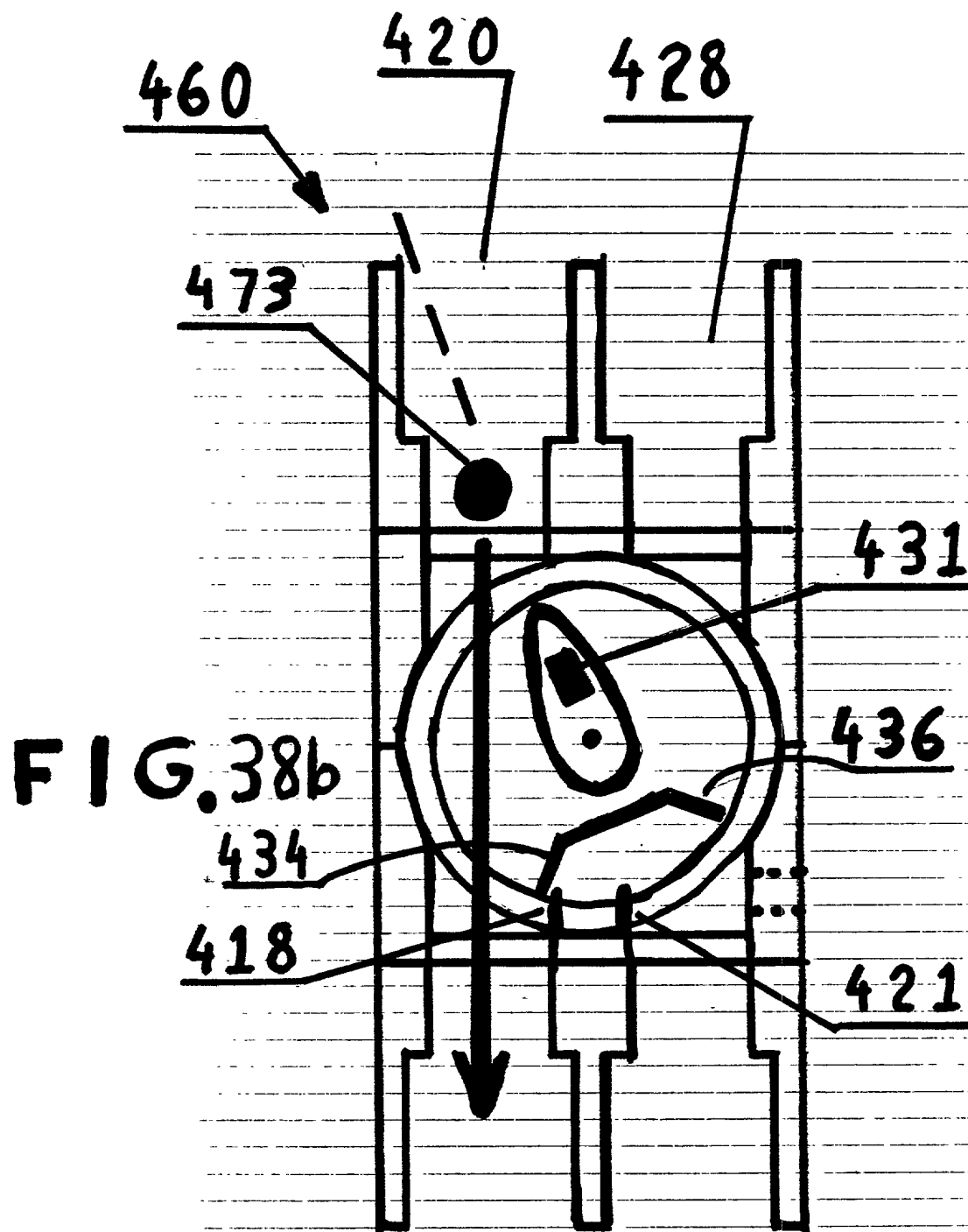


FIG. 38a

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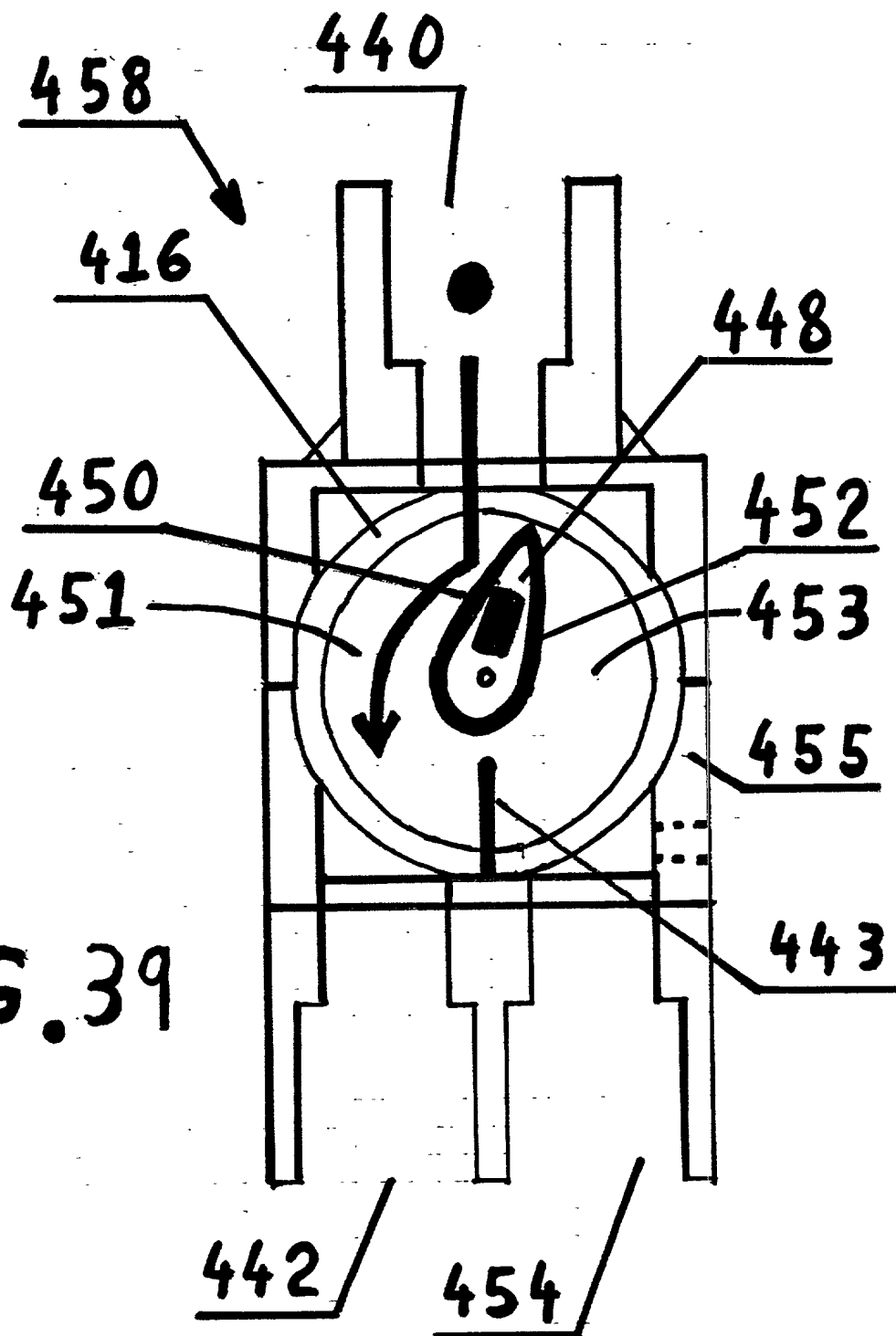


FIG. 39

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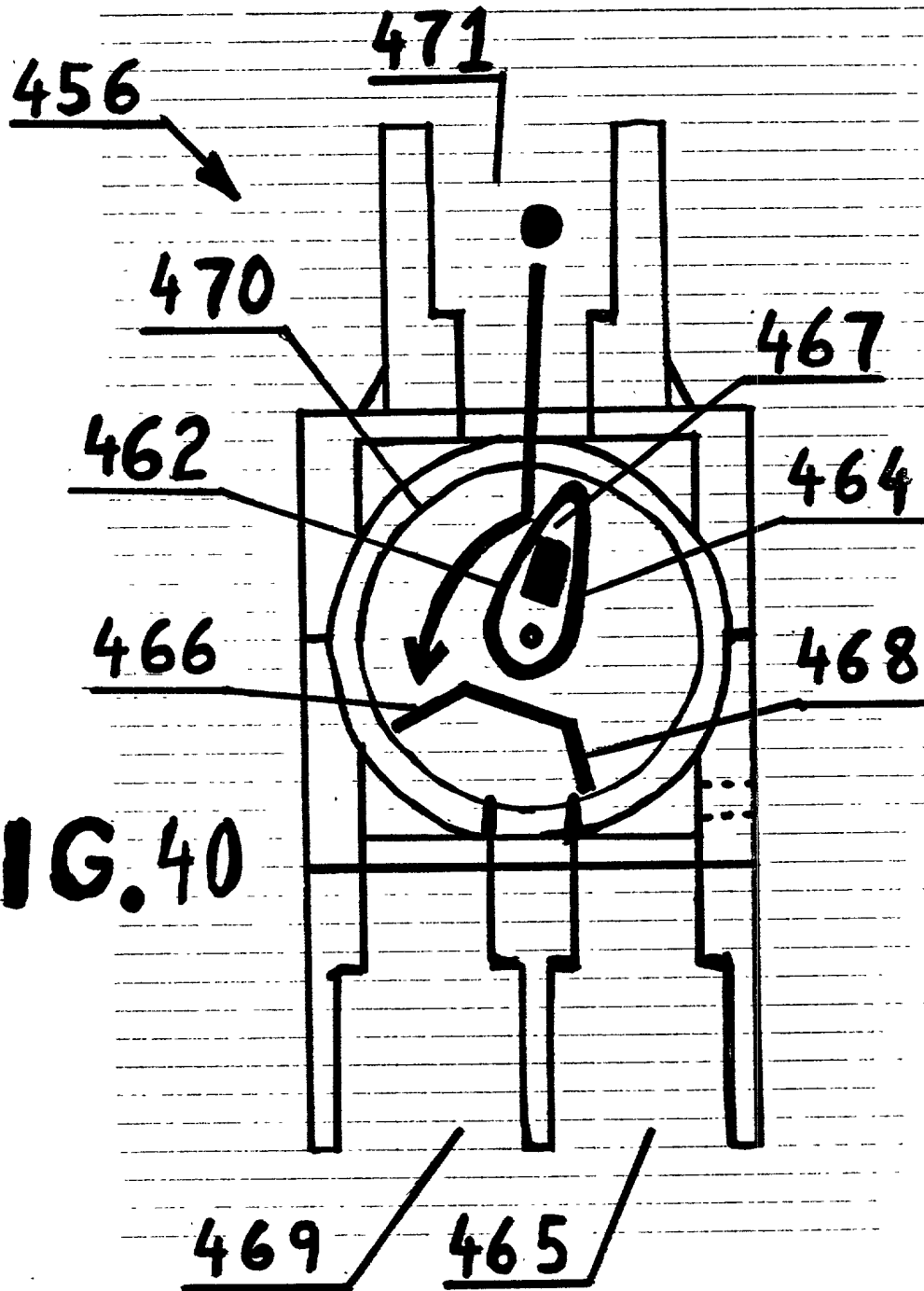


FIG. 40

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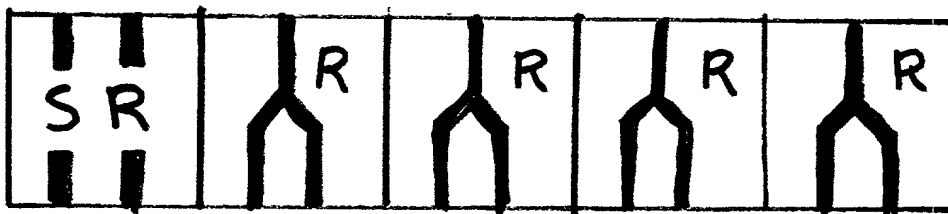
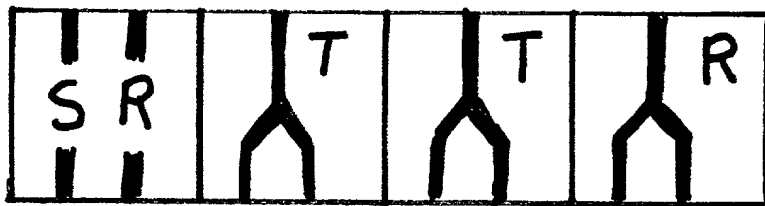
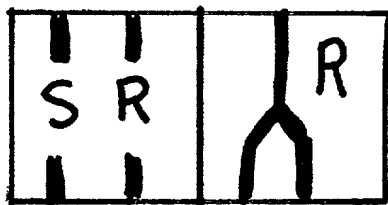
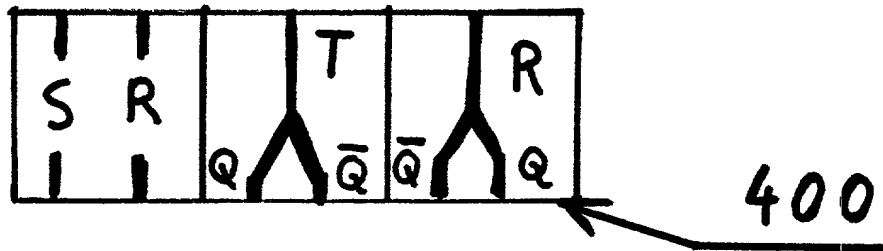


FIG. 41

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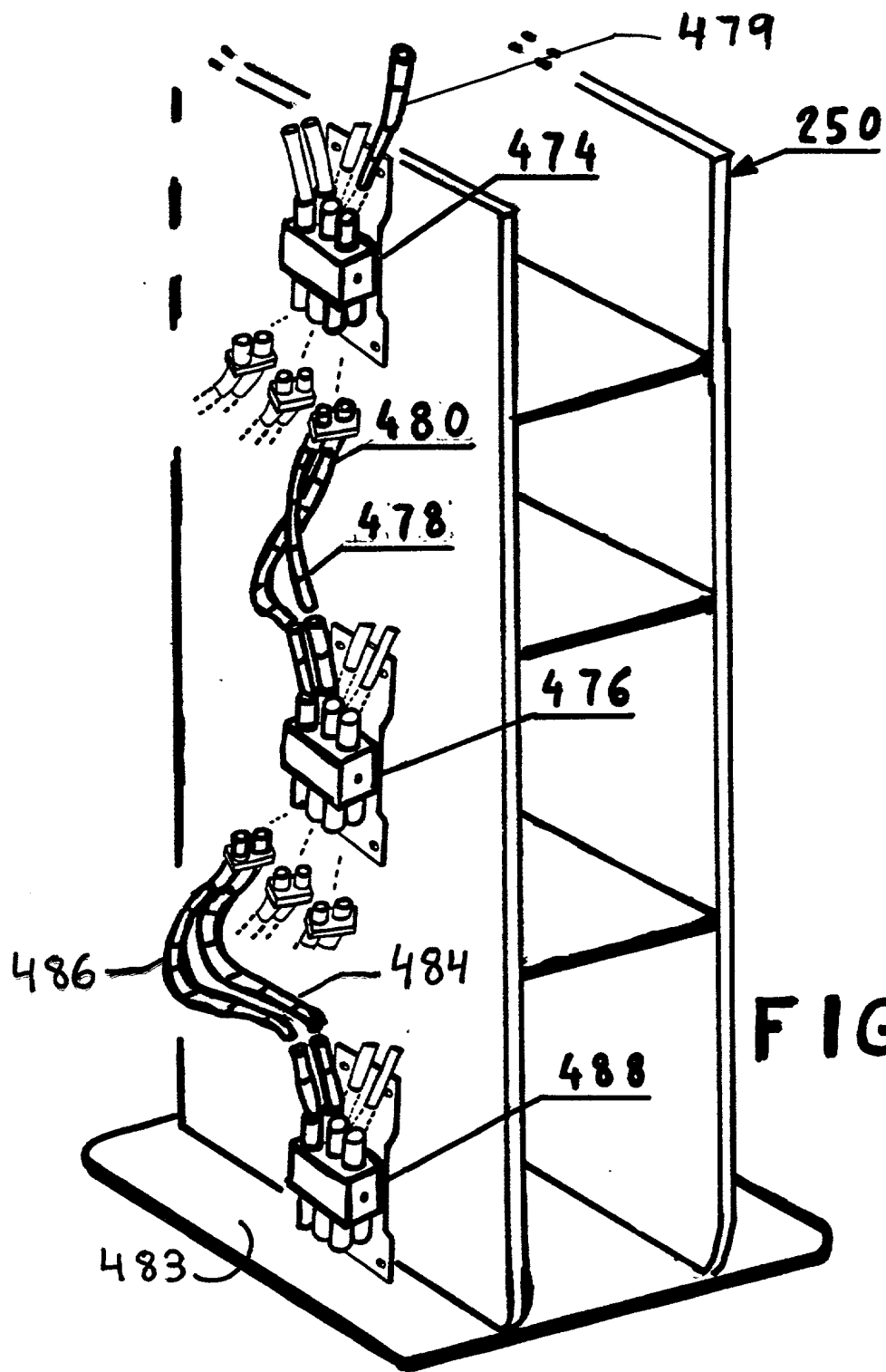


FIG. 42a

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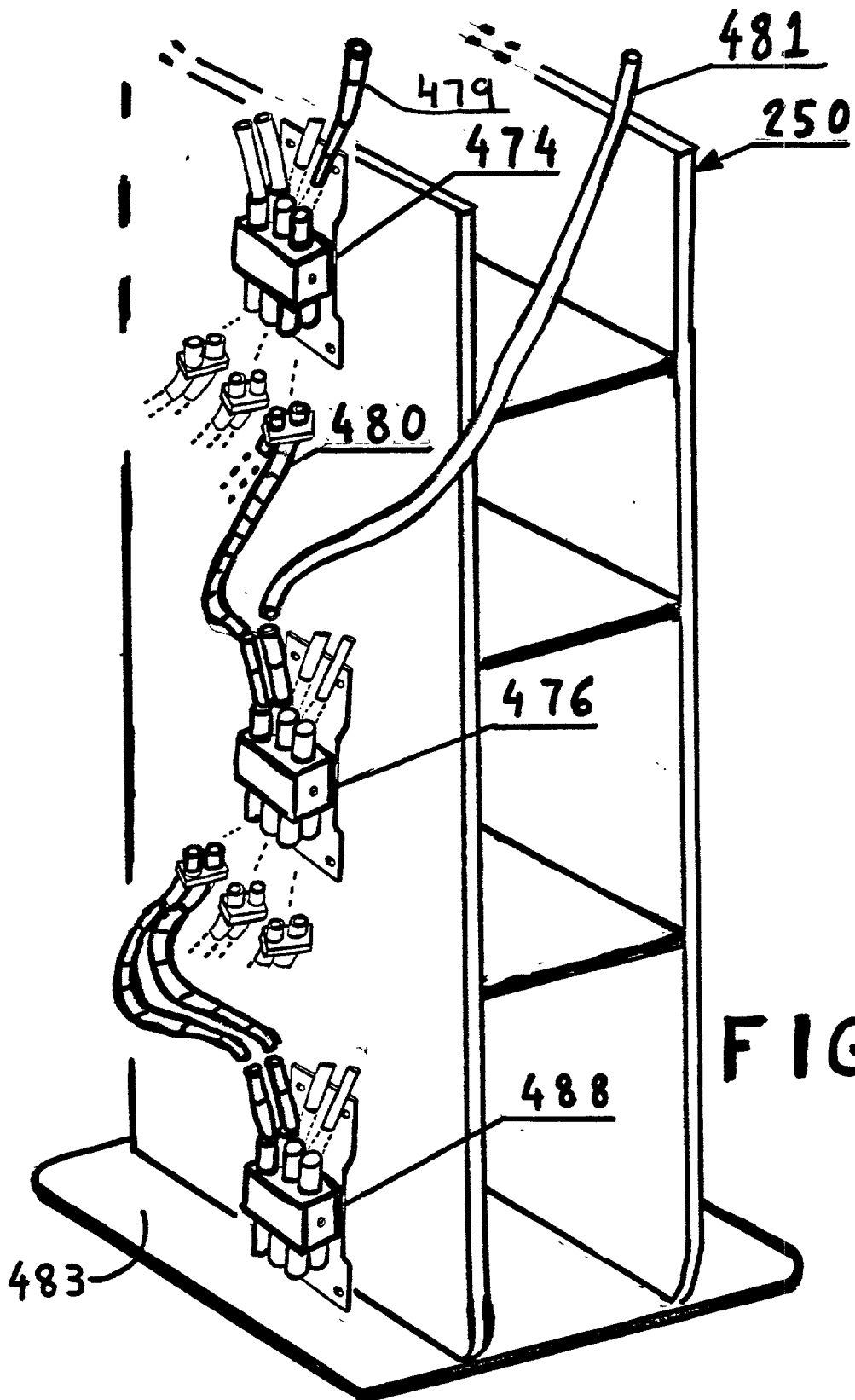
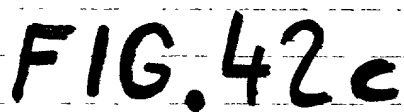


FIG.42b

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X = connect to drain

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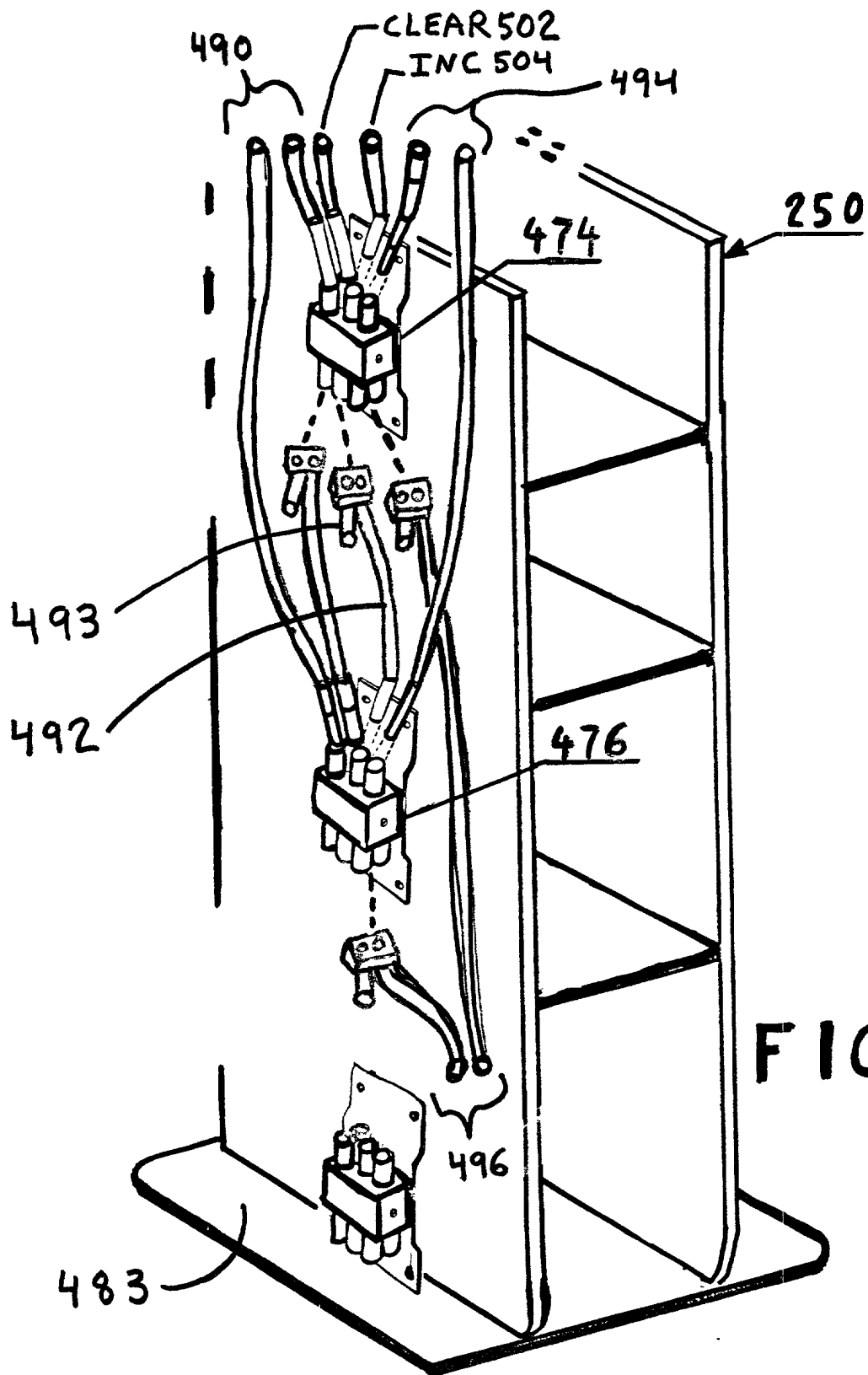


FIG. 43a

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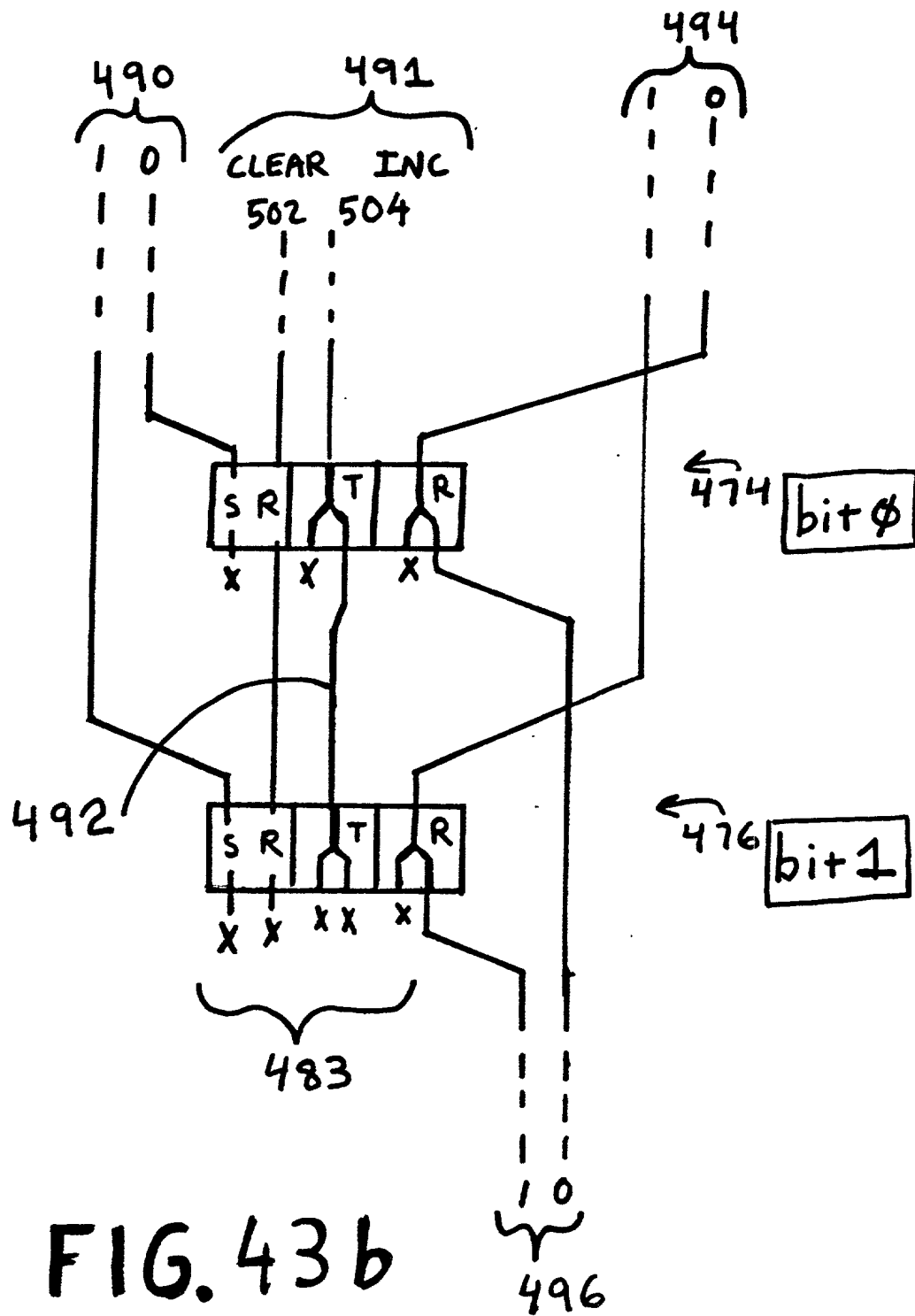


FIG. 43b

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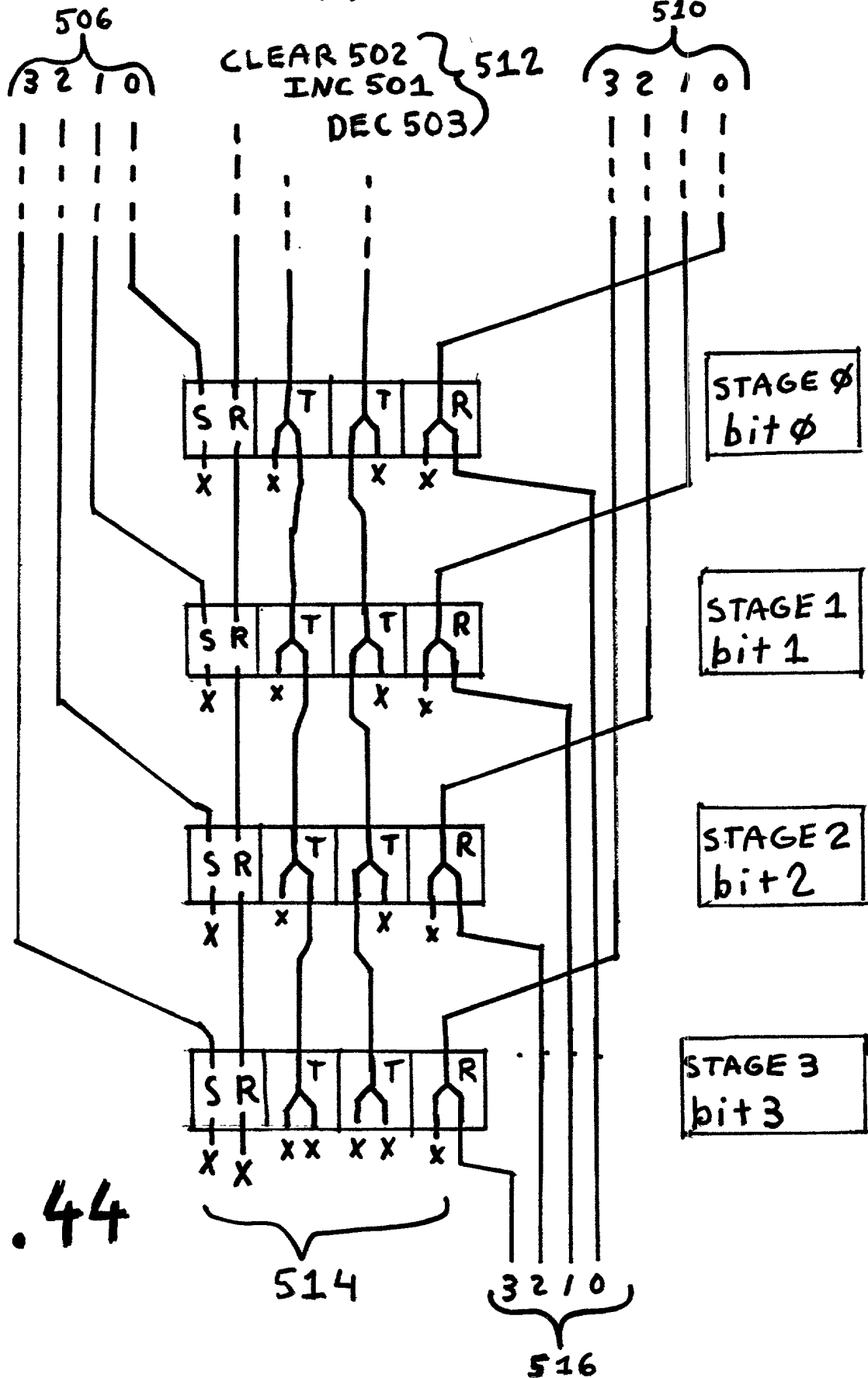


FIG. 44

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Fig. 45

